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FEEDING STUFFS REPORT

1942

MILES HORST
Secretary of Agriculture

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FEEDING STUFFS REPORT

1942

INTRODUCTION

The Pennsylvania Feeding Stuffs Law, Act of May 3, 1909, as amended, provides for the inspection and analysis or feeding stuffs, and accordingly, during the year ending December 31, 1942, 1,165 official samples were obtained by agents of the Bureau throughout the Commonwealth. Of the total number of samples collected, 1,135 were selected for analysis.

Each and every feeding stuffs sold within this Commonwealth is required to be properly labeled giving the following information: Name and address of manufacturer or importer, net weight, guarantees for protein, fat, and fiber, and a statement of composition, that is, the name of each ingredient used.

During the year 1942, 274 special samples of feeding stuffs were submitted for analysis. The Law provides for the analysis of special samples of feeding stuffs for residents of Pennsylvania only for a fee of $1 per sample. The results of analyses of special samples submitted are not included in this Report. The total number of official and special samples analyzed during the year 1942 was 1,409.

The 1,135 official samples analyzed were registered by 229 manufacturers and represented 21 classes and 935 brands as follows:

Classes	Samples
Oil Cake By-Products	35
Distillery and Brewery By-Products	14
Maize By-Products	12
Wheat Offal	30
Alfalfa Meal	14
Barley Feed	1
Buckwheat Feed	1
Oat By-Products	7
Dried Beet Pulp	3
Proprietary Dairy Feed	242
Proprietary Stock, Horse and Mule Feed	49
Proprietary Calf Meal	14
Proprietary Swine Feed	83
Proprietary Sheep and Goat Feed	2
Proprietary Chop Feed	7
Proprietary Scratch Feed	69
Proprietary Mash Feed	443
Proprietary Small Animal Feed	58
Animal By-Products	36
Milk Products	6
Miscellaneous Feed	9
Total	1,135

BRANDS REGISTERED

Each brand of feeding stuffs is required to be registered annually, and application should be submitted before January 1 of each year or before the feed is offered for sale. When brands of feeding stuffs are re-registered, they must be accompanied by a tonnage affidavit, duly sworn to, showing the exact number of tons of each brand sold during the last preceding year. When tonnage affidavit is not submitted covering brands to be re-registered, then the Law provides for a registration fee of $25 per brand. The annual registration fees are as follows:

0 to 150 tons, each.....	$ 5.00
Over 150 tons to 300 tons, each.....	10.00
Over 300 tons to 500 tons, each.....	15.00
Over 500 tons, each.....	25.00

Pure Wheat Bran, Pure Wheat Middlings, Pure Wheat Mixed Feed, Pure Rye Bran, Pure Rye Middlings, Pure Rye Mixed Feed, Pure Buckwheat Bran, Pure Buckwheat Middlings, Pure Buckwheat Feed, Pure Corn Meal, and Pure Corn and Oats Chop can be registered for a fee of $5 each, it being unnecessary to submit tonnage affidavit. Pure whole grains, when made into meals and unmixed, do not require registration, provided no part of the grain has been removed in the process of milling. Pure Corn Meal, made by the grinding and bolting of corn, requires registration.

For 1942 sales, 6305 brands of feeding stuffs were registered, and 1,274 licenses were issued to 974 manufacturers.

CONCLUSIONS

Of the 1,135 official samples analyzed, 112 or 9.86% were deficient in protein or fat and contained fiber in excess of the tolerances provided; 19 samples or 1.67% were found deficient in protein, 74 or 6.52% deficient in fat, and 19 or 1.67% exceeded guarantees for fiber.

Microscopical examination of each sample was made in order to determine correctness of certified ingredients, and where discrepancies were found manufacturers were accordingly notified.

The consumer of a feeding stuffs purchases same under certain guarantees and labeling, and naturally expects that ingredients which are claimed should be present. Where an ingredient is omitted or added by a manufacturer, this Bureau should be accordingly notified and arrangements made for proper labeling of sacks or attached cards.

All inquiries concerning feeding stuffs should be addressed to the administrative officer, the Director of the Bureau of Foods and Chemistry, Pennsylvania Department of Agriculture, Harrisburg, Pennsylvania.

FEEDING STUFFS CLASSES	SAMPLES	BRANDS	GUARAN-TEED	PROTEIN P. CT.	FAT P.CT.	FIBER P.CT.	PRICE PER TON	NO. DEFICIENT		EXCESS FIBER
								PROTEIN	FAT	
Cottonseed Oil Meal	11	6	11	40.91	6.43	9.91	53.50	----	----	----
Linseed Oil Meal	8	4	8	34.16	6.38	7.92	44.50	----	----	----
Soybean Oil Meal	16	9	16	46.08	3.70	5.56	52.56	----	----	----
Corn Distillers Dried Grains	3	3	3	29.19	9.55	12.14	35.25	----	----	----
Rye Distillers Dried Grains	2	1	2	17.54	7.17	15.03	41.63	----	----	----
Brewers' Dried Grains	9	8	9	27.28	6.29	13.68	43.36	----	----	----
Corn Gluten Feed	6	4	6	27.20	2.90	7.07	41.00	----	----	----
Corn Gluten Meal	2	2	2	41.19	2.41	3.34	45.50	----	----	----
Cracked Corn	1	1	1	8.63	1.73	1.68	-----	----	1	----
Hominy Feed	3	3	3	10.52	4.94	4.02	42.67	----	1	----
Pure Wheat Mill Run	1	1	1	17.06	4.15	5.92	-----	----	----	----
Wheat Bran	11	9	11	16.35	4.34	8.37	46.70	----	----	1
Wheat Middlings	15	13	15	17.42	4.40	5.06	46.62	----	1	----
Wheat Mixed Feed	2	1	2	15.10	3.78	3.30	44.50	----	----	----
Red Dog Wheat Flour	1	1	1	14.44	1.83	1.79	49.00	----	----	----
Alfalfa Meal	14	13	14	17.22	2.69	24.19	53.43	2	----	2
Barley Feed	1	1	1	15.81	4.61	11.36	40.00	----	----	----
Buckwheat Feed	1	1	1	13.63	3.11	27.48	-----	----	----	----
Rolled Oats	2	2	2	16.41	5.58	4.19	90.00	----	----	----
Oats Feed	5	4	5	8.21	1.78	19.78	34.30	----	----	----
Dried Beet Pulp	3	1	3	9.25	0.60	15.66	47.50	----	----	----
Proprietary Dairy Feed	242	195	242	24.41	4.24	8.54	48.43	----	10	2
Proprietary Stock, Horse and Mule Feed	49	43	49	13.35	3.82	7.48	47.86	----	2	2
Proprietary Calf Meal	14	12	14	21.02	3.84	5.92	71.55	----	----	----
Proprietary Swine Feed	83	73	83	23.26	4.32	6.11	54.24	3	8	3
Proprietary Sheep and Goat Feed	2	1	2	17.97	4.19	6.12	51.80	----	----	----
Proprietary Chop Feed	7	6	7	10.93	3.56	7.17	44.67	----	1	----
Proprietary Scratch Feed	69	60	69	11.72	2.92	2.83	47.20	----	6	----
Proprietary Mash Feed	443	357	443	20.80	4.26	6.08	60.91	4	33	3
Proprietary Small Animal Feed	58	54	56	-----	----	----	-----	5	8	4
Steamed Bone and Bone Meal	2	2	2	5.69	0.82	3.77	65.00	----	1	1
Poultry Bone	1	1	1	23.69	1.66	3.05	-----	----	----	----
Livermeal	3	2	3	70.52	13.80	0.88	106.67	----	----	----
Meat and Bone Scraps	18	16	18	48.44	11.17	1.72	75.08	4	----	----
Meat and Fish Meals	5	5	5	59.86	7.01	0.83	79.50	----	2	----
Crab Meal	1	1	1	33.25	3.18	10.54	60.00	----	----	----
Tankage	6	6	6	55.58	1.90	2.20	74.80	1	----	----
Dried Skim Milk	3	3	3	33.98	1.64	0.51	230.00	----	----	----
Dried Whey	3	2	3	12.94	0.60	0.37	153.33	----	1	1
Miscellaneous Feed	9	8	9	-----	----	----	-----	----	----	----
TOTAL	1135	935	1133	-----	----	----	-----	19	74	19

KEY TO TABLE II SHOWING ANALYSES OF OFFICIAL SAMPLES

Table II shows in detail the results of analyses under the various classifications, together with their guarantees and a statement as to whether or not they were found to be "As Certified" upon microscopical examination.

Columns are provided for the found and guaranteed protein, fat, and fiber.

Each sample is listed with a chemist's number which will be found in parentheses after the brand name.

The several classes of Feeding Stuffs, as shown on Table I, are classified under the following general headings and subheadings:

OIL CAKE BY-PRODUCTS including Cottonseed Meal, Linseed Oil Meal, and Soybean Oil Meal.

DISTILLERY AND BREWERY BY-PRODUCTS

MAIZE BY-PRODUCTS including Corn Gluten Feed, Corn Gluten Meal, Cracked Corn and Hominy Feed.

WHEAT OFFAL (with and without Ground Grain Screenings) including Pure Wheat Mill Run, Wheat Bran, Wheat Middlings, Wheat Mixed Feed and Red Dog Wheat Flour.

ALFALFA MEAL

BARLEY FEED

BUCKWHEAT FEED

OAT BY-PRODUCTS

DRIED BEET PULP

PROPRIETARY MIXED FEEDS including Dairy Feed, Stock, Horse and Mule Feed, Calf Meal, Swine Feed, Sheep and Goat Feed, Chop Feed, Scratch Feed, Mash Feed and Small Animal Feed.

ANIMAL BY-PRODUCTS

MILK PRODUCTS

MISCELLANEOUS FEED

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
OIL CAKE PRODUCTS							
Cottonseed Meal							
ASHCRAFT-WILKINSON CO. Atlante, Georgie							
ow-Eta Brand 41% Protein Cottonseed Meal-Prime (Quality) (2365)	39.31	41.00	7.34	5.00	8.60	13.00	As Certified
ow-Eta Brand 41% Protein Cottonseed Meal (2423)	41.13	41.00	7.63	5.00	8.39	13.00	As Certified
ow-Eta Brand 41% Protein Cottonseed Meal (3322)	39.00	41.00	6.42	5.00	11.00	13.00	As Certified
HUMPHREYS-GODWIN CO. Memphis, Tenn.							
ixie Brand 41% Protein Prime Quality Cottonseed Meal (2335)	41.00	41.00	5.53	5.00	11.93	12.00	As Certified
ixie Brand 41% Protein Prime Cotton-seed Meal (3091)	41.19	41.00	5.92	5.00	9.24	12.00	As Certified
ixie Brand 41% Protein Prime Cotton-seed Meal (3405)	41.25	41.00	6.00	5.00	8.44	12.00	As Certified
L. B. LOVITT & CO. Memphis, Tenn.							
ovit Brand 41% Protein Cottonseed Meal (2355)	41.13	41.00	5.50	5.00	10.56	13.00	As Certified
ovit Brand 41% Protein Cottonseed Meal (3325)	42.94	41.00	6.68	5.00	9.70	13.00	As Certified
MARIANNA SALES CO. Memphis, Tenn.							
hite Mule Brand Prime Cottonseed Meal (2549)	41.13	41.00	7.31	6.00	10.75	10.00	As Certified
MAXTON OIL & FERTILIZER CO. Maxton, North Ceroline							
ofco Cottonseed Meal (2369)	40.25	41.00	6.36	6.00	9.72	10.00	As Certified
SWIFT & CO. Atlante, Georgie							
otton Bloom Brand Cottonseed Meal-Prime Quality (2922)	41.75	41.00	6.07	5.00	10.70	13.00	As Certified
Average	40.91	-----	6.43	-----	9.91	-----	
Linseed Oil Meel							
ARCHER-DANIELS-MIDLAND CO. Minneepolis, Minn.							
cher Brend Old Process 32% Protein Linseed Meel (2359)	33.50	32.00	5.93	3.50	7.44	9.00	As Certified
BISBEE LINSEED CO. Philadelphie, Pe.							
sbee Brend 32% Protein Old Process Linsead Meal (2403)	33.63	32.00	6.55	5.00	7.71	10.00	As Certified
sbee Brend 32% Protein Old Process Lineead Meel (3096)	31.44	32.00	5.73	5.00	8.55	10.00	As Certified
sbee Brand 32% Protein Old Process Linseed Meal (3323)	31.56	32.00	6.94	5.00	8.01	10.00	As Certified
JOHN T. LEWIS & BRO. CO. Philadelphia, Pa.							
tch Boy 32% Old Process Linsead Meal (2450)	35.50	32.00	6.18	4.50	7.75	10.00	As Certified
tch Boy 32% Old Process Linseed Oil Meel (3451)	36.69	32.00	5.68	4.50	7.43	10.00	As Certified
SHERWIN WILLIAMS CO. Clevelend, Ohio							
erwin Williams 34% Linseed Oil Meal (2918)	33.31	34.00	6.96	4.50	8.31	9.00	As Certified
erwin Williams 34% Lineead Oil Meal (2924)	37.63	34.00	7.10	4.50	8.19	9.00	As Certified
Averege	34.16	-----	6.38	-----	7.92	-----	
Soybeen Oil Meel							
BUCKEYE COTTON OIL CO. Cincinneti, Ohio							
ckeye 41% Protein Soybean Oil Meal (2547)	46.25	41.00	4.94	3.50	5.57	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Buckeye 41% Protein Soybean Oil Meal (3450)	46.00	41.00	4.78	4.00	5.88	7.00	As Certified
Buckeye 44% Protein Soybean Oil Meal (3142)	46.25	44.00	0.42	0.50	5.08	7.80	As Certified
CENTRAL SOYA CO., INC. Fort Wayne, Indiana							
Central Soybean Oil Meal (2446)	42.94	41.00	5.11	3.50	6.14	7.00	As Certified
DAVIS MILLING CO., INC. Norfolk, Virginia							
Dmco Soybean Oil Cake Meal (2404)	47.00	45.00	8.42	5.00	5.53	7.00	As Certified
THE GLIDDEN CO. Chicago, Ill.							
Glidden 44% Protein Soybean Oil Meal (2688)	46.75	44.00	1.21	0.50	6.61	7.00	As Certified
Glidden 44% Protein Soybean Oil Meal (3032)	47.69	44.00	1.70	0.50	5.22	7.00	As Certified
HOOSIER SOYBEAN MILL, INC. Marion, Indiana							
Hoosier 41% Protein Soybean Oil Meal (2420)	46.13	41.00	6.76	4.00	5.29	7.00	As Certified
MCMILLEN FEED MILLS Fort Wayne, Indiana							
Master Soy 41% (2923)	43.56	41.00	1.15	0.50	4.86	6.50	As Certified
Master Soy 41% (3294)	41.00	41.00	0.99	0.50	5.87	6.50	As Certified
A. E. STALEY MANUFACTURING CO. Decatur, Illinois							
Staley's 41% Protein Soybean Oil Meal (3333)	47.81	41.00	3.79	3.50	5.25	7.00	As Certified
Staley's 41% Protein Soybean Oil Meal (3426)	45.50	41.00	4.41	3.50	5.70	7.00	As Certified
SWIFT & CO. Champaign, Illinois							
Swift's 43% Protein Soybean Oil Meal (2350)	46.81	43.00	4.04	4.00	5.16	7.00	As Certified
Swift's 43% Protein Soybean Oil Meal (2919)	45.19	43.00	3.74	4.00	5.64	7.00	As Certified
Swift's 43% Protein Soybean Oil Meal (3095)	44.63	43.00	3.78	3.50	5.45	7.00	As Certified
Swift's 43% Protein Soybean Oil Meal (3320)	46.25	43.00	4.00	3.50	5.77	7.00	As Certified
Average	46.08	----	3.70	----	5.56	----	
DISTILLERY AND BREWERY BY-PRODUCTS							
Brewers' Dried Grains							
DEUTSCH & SICKERT CO. Milwaukee, Wisconsin							
Brewers' Dried Grains (2409)	24.13	24.00	7.24	5.00	15.49	18.00	As Certified
FARMERS FEED COMPANY New York, N. Y.							
Bull Brand Dried Brewers' Grains (2373)	22.69	24.00	6.15	6.00	16.26	17.00	As Certified
DWIGHT HAMLIN CO. Pittsburgh, Pa.							
Hamlin's Dried Brewers' Grains (2419)	29.56	24.00	7.08	6.00	14.47	18.00	As Certified
Hamlin's Dried Brewers' Grains (3100)	28.00	24.00	5.95	6.00	13.48	18.00	As Certified
C. J. MARTENIS GRAIN CO. New York, N. Y.							
Alco Dried Brewers' Grains (2392)	24.13	24.00	6.76	6.00	14.94	20.00	As Certified
THE NEUMOND CO. St. Louis, Mo.							
Neumond Dried Brewers' Grains (3065)	24.88	24.00	4.16	4.50	12.70	18.00	As Certified
STEGMAIER BREWING CO. Wilkes-Barre, Pa.							
Dried Brewery Grain (2358)	28.75	25.00	7.10	5.00	12.82	16.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JESSE C. STEWART CO. Pittsburgh, Pa.							
sd Lettsr Dried Brewere' Grsine (2925)	34.56	24.00	5.60	6.00	8.82	19.00	As Certified
STRATTEN GRAIN CO. Milwaukee, Wis.							
Hiquality" Brewers' Dried Grains (2697)	28.81	24.00	6.56	5.00	14.16	18.00	As Certified
Average	27.28	----	6.29	----	13.68	----	
Distillsrs' Graine							
THE NEUMOND CO. St. Louis, Mo.							
eumond 28% Corn Distillers' Grain (3399)	28.31	28.00	9.17	8.00	13.48	15.00	Ae Certified
THE UBIKO MILLING CO. Cincinnati, Ohio							
ɔurex Corn Distillere' Dried Grains (3301)	29.44	28.00	9.43	7.00	11.75	14.00	As Certified
UNITED DISTILLERS' OF AMERICA LTD. Baltimore, Md.							
ɔrn Dietillsrs' Drisd Grsins (3317)	29.81	28.00	10.04	6.00	11.18	13.00	As Certified
Averegs	29.19	----	9.55	----	12.14	----	
Rye Distillers' Graine							
BALTIMORE PURE RYE DISTILLING CO. Baltimore, Md.							
ye Distillere' Grains (2372)	17.13	16.00	7.47	5.00	15.00	20.00	As Certified
ye Distillers' Grains (2371)	17.94	16.00	6.86	5.00	15.06	20.00	As Certified
Average	17.54	----	7.17	----	15.03	----	
MAIZE BY-PRODUCTS							
Corn Gluten Meal							
CORN PRODUCTS REFINING CO. New York, N. Y.							
amond Corn Gluten Meal (3143)	41.50	41.00	2.52	1.00	3.34	6.00	As Certified
A. E. STALEY MANUFACTURING CO. Decetur, Illinois							
eleys 41% Protein Corn Gluten Meel (2466)	40.88	41.00	2.29	1.00	3.33	6.00	As Certified
Average	41.19	----	2.41	----	3.34	----	
Corn Gluten Feed							
AMERICAN-MAIZE PRODUCT CO. New York, N. Y.							
eem of Corn Gluten Feed (2351)	25.81	23.00	3.83	2.00	6.98	9.50	As Certified
eam of Corn Gluten Feed (3449)	28.69	23.00	3.52	2.00	7.65	9.50	As Certified
CLINTON COMPANY Clinton, Iowa							
inton Corn Gluten Feed (3101)	26.56	23.00	2.69	2.00	7.88	8.50	As Certified
inton Corn Gluten Feed (3400)	25.38	23.00	2.19	2.00	7.49	8.50	As Certified
PENICK & FORD LTD. INC. Cedar Rapide, Iowe							
uglas Corn Gluten Feed (2458)	27.38	23.00	2.33	1.50	6.30	8.50	As Certified
UNION STARCH & REFINING CO. Columbus, Indiana							
ion Corn Gluten Feed (2393)	29.38	25.00	2.86	2.00	6.09	8.50	As Certifisd
Averege	27.20	----	2.90	----	7.07	----	
Cracked Corn							
EASTERN STATES FARMERS' EXCHANGE Springfield, Mess.							
etern Stetes Yellow Cracked Corn Medium (3238)	8.63	7.50	1.73	2.50	1.68	2.00	As Certified
Average	8.63	----	1.73	----	1.68	----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Hominy Feed								
PABST BREWING CO. Peoria, Ill.								
Pabst Hominy Feed	(2567)	11.19	10.00	5.34	5.00	4.84	6.00	As Certified
THE PATENT CEREALS CO. Geneva, New York								
Hominy Feed	(3155)	11.00	10.00	5.19	5.00	4.15	5.00	As Certified
THE QUAKER OATS CO. Chicago, Ill.								
Yellow Hominy Feed	(3225)	9.38	10.00	4.30	5.00	3.07	5.00	As Certified
Average		10.52	----	4.94	----	4.02	----	
WHEAT OFFAL								
Pure Wheat Mill Run								
GENERAL MILLS INC. Minneapolis, Minn.								
Pure Wheat Mill Run	(3120)	17.06	15.00	4.15	4.50	5.92	9.00	As Certified
Average		17.06	----	4.15	----	5.92	----	
Wheat Bran								
(With and without Ground Grain Screenings)								
ARKANSAS CITY FLOUR MILLS CO. Arkansas City, Kansas								
Pure Wheat Bran	(3295)	17.81	15.00	4.24	3.50	10.12	11.00	As Certified
GENERAL MILLS INC., Minneapolis, Minn.								
Wheat Bran without Screenings	(3118)	15.25	14.00	3.80	3.00	9.01	10.50	As Certified
INTERNATIONAL MILLING CO. Buffalo, N. Y.								
Black Hawk Pure Wheat Bran	(2917)	17.81	15.00	4.59	3.20	5.32	12.00	As Certified
KING MIDAS FLOUR MILLS Minneapolis, Minn.								
Arrowhead Pure Wheat Bran	(3318)	14.75	15.00	3.78	4.00	8.67	12.00	As Certified
Arrowhead Pure Wheat Bran	(3324)	14.38	15.00	4.06	4.00	15.01	12.00	As Certified
MAUSER MILL CO. Northampton, Pa.								
Pure Wheat Bran	(3414)	18.75	14.00	5.76	3.50	4.77	10.00	As Certified
Pure Wheat Bran	(3447)	19.56	14.00	4.91	3.50	8.88	10.00	As Certified
NATIONAL BISCUIT COMPANY Toledo, Ohio								
Pure Wheat Bran	(3006)	15.56	14.00	4.15	3.00	9.79	10.00	As Certified
NORTHWESTERN ELEVATOR & MILL CO. Toledo, Ohio								
Taylor's Pure Wheat Bran	(3097)	15.31	13.50	3.87	3.00	8.70	10.50	As Certified
SPANGLER'S FLOURING MILLS Camp Hill, Pa.								
Pure Winter Wheat Bran	(3177)	16.63	15.00	4.50	5.00	3.23	10.00	As Certified
YORK ROLLER MILLS CO. York, Pa.								
Pure Wheat Bran	(3178)	16.06	13.00	4.05	4.40	8.54	9.80	As Certified
Average		16.35	----	4.34	----	8.37	----	
Wheat Middlings								
R. S. ALTMAN Irwin, Pa.								
Trojan Flour Middlings	(2995)	15.00	12.00	3.13	2.75	3.13	4.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MAUSER MILL CO. Northampton, Pa.							
Mauser's Flour Middlings (3417)	17.06	15.00	3.52	4.00	3.66	6.00	As Certified
Mauser's Flour Middlings (3445)	19.69	15.00	3.54	4.00	3.64	6.00	As Certified
Pure Standard Wheat Middlings (3425)	19.38	16.00	6.08	3.50	6.73	9.00	As Certified
Pure Standard Wheat Middlings (3446)	18.81	16.00	5.69	3.50	7.24	9.00	As Certified
COMMERCIAL MILLING CO. Detroit, Mich.							
Heneal's Extra Fancy Comco Wheat Middlings (3007)	18.13	14.00	4.17	3.50	5.26	7.50	As Certified
COOP. G. L. F. MILLS INC. Buffalo, N. Y.							
Wheat Middlings with Ground Screenings (2572)	18.88	15.00	5.45	4.00	8.51	9.50	As Certified
GENERAL MILLS INC., Minneapolis, Minn.							
Wheat Middlings without Screenings (3119)	15.50	15.00	4.05	4.00	3.71	6.00	As Certified
INTERNATIONAL MILLING CO. Buffalo, N. Y.							
Black Hawk Wheat Standard Middlings (2996)	18.75	16.00	5.35	4.00	6.68	9.00	As Certified
MONTANA FLOUR MILLS CO. Cleveland, Ohio							
Montco Flour Middlings (2550)	18.38	15.00	4.38	3.00	3.43	5.50	As Certified
C. C. REPLOGLE Woodbury, Pa.							
Winter Wheat Middlings (2564)	14.31	15.00	2.77	3.50	2.81	7.00	As Certified
RUSSELL-MILLER MILLING CO. Minneapolis, Minn.							
Alta Herd Wheat Middlings (2336)	18.81	15.00	5.59	4.50	6.28	8.50	As Certified
UNITED MILLS CO. Grafton, Ohio							
U. M. C. Wheat Middlings (2959)	17.06	16.50	4.67	5.00	6.03	7.50	As Certified
THE WILLIAM BROS. CO. Kent, Ohio							
Pure Fancy Winter Wheat Middlings (3391)	16.56	14.00	3.72	3.50	4.91	9.50	As Certified
YORK ROLLER MILLS CO. York, Pa.							
Wheat Middlings (3179)	15.00	14.50	3.86	4.00	3.92	5.10	As Certified
Average	17.42	----	4.40	----	5.06	----	
Wheat Mixed Feed							
SPANGLER'S FLOURING MILLS Camp Hill, Pa.							
Winter Wheat Mixed Feed (3098)	15.13	15.00	3.55	4.50	3.66	5.00	As Certified
Winter Wheat Mixed Feed (3176)	15.06	15.00	4.00	4.50	2.93	5.00	As Certified
Average	15.10	----	3.78	----	3.30	----	
Red Dog Wheat Flour							
INTERNATIONAL MILLING CO. Minneapolis, Minn.							
Black Hawk Wheat Red Dog (3158)	14.44	16.00	1.83	2.00	1.79	4.00	As Certified
Average	14.44	----	1.83	----	1.79	----	
ALFALFA MEAL							
A. B. CAPLE CO. Toledo, Ohio							
Cepex 20% Dehydrated Alfalfa Leaf Meal (2363)	20.38	20.00	4.48	2.00	16.03	18.00	As Certified

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CENTRAL MILLS INC., Dunbridge, Ohio							
Cent-O-Green Dehydrated Alfalfa Meal (3296)	19.75	20.00	3.50	1.50	19.82	18.00	As Certified
DENVER ALFALFA MILLING & PRODUCTS CO. Lamar, Colorado							
17% Protein Alfalfa Meal (2682)	19.38	17.00	2.86	1.50	12.46	23.00	As Certified
HAYWARD INC., Oak Harbor, Ohio							
Alfalfa Meal 13% (2548)	14.13	13.00	1.60	1.50	33.13	33.00	As Certified
KEYSTONE DEHYDRATING CO. Nazareth, Pa.							
Keystone Super-Green Dehydrated Alfalfa Meal (2431)	17.69	17.00	3.33	2.00	23.76	25.00	As Certified
MEADOW BROOK FARMS Nazareth, Pa.							
Meadow Brook Farms Brand Superior Alfalfa Meal (2354)	15.75	17.00	2.23	2.00	23.96	27.00	As Certified
NATIONAL ALFALFA CO. Toledo, Ohio							
Dehydrated Alfalfa Meal (2370)	17.94	17.00	2.88	1.50	19.72	28.00	As Certified
PECOS VALLEY ALFALFA MILL CO. Chandler, Arizona							
Peevee Alfalfa Leaf Meal (2452)	21.56	20.00	2.58	2.50	18.00	18.00	As Certified
RAFFETY & O'ROURKE Wyett, Mo.							
R. & O's 17% Dehydrated Alfalfa Meal (2411)	17.00	17.00	2.92	1.50	23.56	27.00	As Certified
ROHLOFF BROS. INC., Grayton, Ohio							
Quality Alfalfa Meal (2539)	14.75	13.00	1.67	1.00	33.67	33.00	As Certified
SAUNDERS MILLS, INC., Toledo, Ohio							
Alfalfa 13% Meal (3403)	14.13	13.00	1.66	1.50	36.13	33.00	As Certified
Carotene Brand Leaf Meal (3404)	19.69	20.00	3.07	1.50	22.29	18.00	As Certified
SCHOENECK FARMS, INC., Nazareth, Pa.							
Super-Green Dehydrated Alfalfa Meal (2430)	15.00	17.00	2.49	2.00	26.71	25.00	As Certified
Super-Green Dehydrated Alfalfa Meal (3429)	13.86	17.00	2.41	2.00	29.48	25.00	As Certified
Average	17.22	----	2.69	----	24.19	----	
BARLEY FEED							
R. C. KNOKE & CO. Chicago, Ill.							
Barley Feed (2357)	15.81	12.00	4.61	3.00	11.36	16.00	As Certified
Average	15.81	----	4.61	----	11.36	----	
BUCKWHEAT FEED							
R. C. KNOKE & CO. Chicago, Ill.							
Buckwheat Feed (2540)	13.63	10.00	3.11	2.00	27.48	31.00	As Certified
Average	13.63	----	3.11	----	27.48	----	
OAT BY-PRODUCTS							
Rolled Oats							
ARCADY FARMS MILLING CO. Chicago, Ill.							
Wonderfat Station Feed with Rolled Oats (2845)	15.44	15.00	4.70	5.00	6.88	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RALSTON PURINA CO. St. Louis, Mo.								
Purina Checkerboard Rolled Oats	(3102)	17.38	15.00	6.45	5.00	1.51	2.00	As Certified
Average		16.41	----	5.58	----	4.19	----	
Oat Feed								
HOOD MILLS CO. Baltimore, Md.								
Pulverized Feed Oats	(3398)	13.06	12.00	2.18	2.00	12.34	13.00	As Certified
Pulverized Feed Oats	(3448)	13.31	12.00	2.16	2.00	7.43	13.00	As Certified
HERBERT BRYANT, INC., Washington Grove, Md.								
Oat Mill Feed & Molasses	(2414)	5.47	5.00	1.48	1.00	20.88	25.00	As Certified
NORTHERN ILLINOIS CEREAL CO. Lockport, Ill.								
Re-Ground Oat Feed	(3397)	3.58	3.50	1.09	1.25	30.45	35.00	As Certified
QUAKER OATS COMPANY Chicago, Ill.								
Peterborough Oat Feed	(2356)	5.81	3.50	1.97	1.00	27.83	32.50	As Certified
Average		8.21	----	1.78	----	19.78	----	
DRIED BEET PULP								
LARROWE MILLING CO. Detroit, Mich.								
Dried Beet Pulp	(2884)	8.75	7.00	0.52	0.30	18.37	22.50	As Certified
Dried Beet Pulp	(3099)	9.63	7.00	0.59	0.30	20.06	22.50	As Certified
Dried Beet Pulp	(3183)	9.38	7.00	0.59	0.30	8.56	22.50	As Certified
Average		9.25	----	0.60	----	15.66	----	
PROPRIETARY MIXED FEEDS								
Proprietary Dairy Feeds								
ALLIED MILLS, INC., Chicago, Ill.								
Amco 24% Dairy Feed	(3029)	25.31	24.00	4.85	4.00	8.03	9.00	As Certified
Sugerine 17% Dairy Feed	(3329)	21.44	17.00	4.91	3.00	11.20	12.00	As Certified
Sugerine 20% Dairy Feed	(2893)	22.69	20.00	3.31	3.00	8.10	12.00	As Certified
Sugerine 20% Dairy Feed	(3361)	24.00	20.00	4.11	3.00	8.82	12.00	As Certified
Wayne 20% Dairy Feed	(2741)	22.19	20.00	4.75	4.00	7.43	9.00	As Certified
Wayne 20% Dairy Feed	(2892)	21.69	20.00	5.86	4.00	9.46	9.00	As Certified
Wayne 32% Dairy Feed	(3330)	35.94	32.00	4.93	4.00	8.11	9.00	As Certified
Wayne 32% Dairy Feed	(3360)	36.00	32.00	4.95	4.00	6.97	9.00	As Certified
Wayne 32% Dairy Feed	(3379)	34.56	32.00	4.77	4.00	7.78	9.00	As Certified
R. S. ALTMAN Irwin, Pa.								
Altman's 16% Dairy Ration	(2617)	24.44	16.00	4.79	3.00	9.41	12.00	As Certified
Altman's 16% Dairy Ration	(3009)	18.44	16.00	3.46	3.00	10.00	12.00	As Certified
Altman's 16% Dairy Ration	(3214)	20.50	16.00	3.93	3.00	8.58	12.00	As Certified
Altman's 16% Dairy Ration	(3307)	21.56	16.00	4.58	3.00	10.47	12.00	As Certified
Altman's 20% Dairy Ration	(2616)	26.19	20.00	4.34	3.50	8.25	12.00	As Certified
Altman's 20% Dairy Ration	(2998)	21.94	20.00	3.63	3.50	9.04	12.00	As Certified
Altman's 20% Dairy Ration	(3016)	22.75	20.00	3.62	3.50	8.30	12.00	As Certified
Altman's 20% Dairy Ration	(3215)	23.44	20.00	4.55	3.50	8.69	12.00	As Certified
Altman's 24% Dairy Ration	(2997)	24.44	24.00	3.55	3.50	8.36	12.00	As Certified
Altman's 24% Dairy Ration	(3082)	24.75	24.00	4.36	3.50	8.43	12.00	As Certified
Altman's 24% Dairy Ration	(3213)	25.25	24.00	4.17	3.50	8.44	12.00	As Certified
Altman's 24% Dairy Ration	(3306)	25.06	24.00	4.14	3.50	8.91	12.00	As Certified
Altman's 32% Dairy Concentrate	(2618)	34.31	32.00	4.43	4.00	7.34	10.00	As Certified
Altman's 32% Dairy Concentrate	(3217)	35.13	32.00	4.06	4.00	8.13	10.00	As Certified
Altman's 20% Milkers Ration	(3108)	23.81	20.00	3.73	3.75	7.55	10.00	As Certified
Altman's Enriched 20% Milkers Ration	(3216)	22.25	20.00	3.64	3.75	8.54	10.00	As Certified
Altman's Super A Enriched 20% Milkers Ration	(2457)	22.31	20.00	4.11	3.75	7.78	10.00	As Certified
Altman's Super A Enriched 20% Milkers Ration	(2615)	23.50	20.00	4.56	3.75	7.77	10.00	As Certified
Altman's Super A Enriched 20% Milkers Ration	(3303)	21.88	20.00	3.43	3.75	6.61	10.00	As Certified
Altman's Bulky Mix (with 15% Molassee	(3152)	15.44	14.00	3.32	2.00	14.20	15.00	As Certified
ANDERSON GRAIN & FEED CO. York, Pa.								
Anderson 16 Dairy Feed	(3456)	18.75	16.00	4.05	3.50	11.02	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

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MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
ARCADY FARMS MILLING CO. Chicago, Ill.								
Beebet 16% Dairy Feed	(3059)	19.19	16.00	3.91	2.50	12.76	13.50	As Certified
Besbet 24% Dairy Feed	(3354)	23.94	24.00	3.39	3.00	10.32	12.00	Ae Certified
A. J. BALSHI Catawiesa, Pa.								
Milk-Well 20% Dairy	(2485)	22.44	20.00	4.24	3.50	6.91	12.00	Ae Certified
THE BEACON MILLING CO. Cayuga, N. Y.								
Auburn Dairy Feed	(2738)	21.06	20.00	4.21	3.75	7.05	10.00	Ae Certified
Beacon "24"	(3431)	27.31	24.00	5.07	4.00	8.39	9.00	Ae Certified
F. M. BROWN'S SONS Birdeboro, Pa.								
Brown's 16% Dairy Feed	(2799)	20.25	16.00	3.84	2.50	10.45	11.00	Ae Certified
Brown's 24% Dairy Feed	(2800)	28.31	24.00	4.32	4.00	7.34	9.00	As Certified
Brown's Bulky 20% Dairy Feed	(2798)	24.63	20.00	4.73	5.00	10.28	12.25	As Certified
THE BUCKEYE CEREAL CO. Massillon, Ohio								
Prosperity 16% Dairy Feed	(3111)	17.31	16.00	2.49	2.70	10.43	12.00	Ae Certified
24% Prosperity Dairy Feed	(3110)	28.13	24.00	1.96	3.00	8.53	12.00	Ae Certified
J. A. CLARK Shamokin, Pa.								
Clark's Dairy Feed 20%	(2535)	21.63	20.00	4.52	3.50	7.71	12.00	Ae Certified
Clark's Dairy Feed 24%	(2533)	24.75	24.00	4.87	3.50	7.86	12.00	As Certified
Clark's 32% Mixing Ration	(2534)	32.56	32.00	5.10	4.00	8.04	10.00	As Certified
CONNEAUT LAKE ROLLER MILLS Conneaut Lake, Pa.								
Herned's 16% Dairy Feed	(3071)	20.94	18.00	3.37	4.00	8.55	11.00	As Certified
COOPERATIVE MILLS, INC. Reading, Ohio								
16% Mermash	(3053)	20.56	16.00	4.18	3.50	11.34	7.00	Ae Certified
16% Mermash	(3135)	15.56	16.00	3.39	3.50	5.45	7.00	Ae Certified
16% Mermash	(3372)	19.63	16.00	3.27	3.50	5.60	7.00	Ae Certified
Hen 16% Mermash	(3136)	18.94	16.00	4.16	3.50	5.65	7.00	Ae Certified
20% Milk Maker	(3370)	22.50	20.00	5.60	4.00	2.20	10.00	Ae Certified
24% Milk Maker	(3130)	26.81	24.00	4.70	4.00	7.16	10.00	As Certified
24% Milk Maker	(3374)	25.81	24.00	5.23	4.00	8.14	10.00	Ae Certified
32% Milk Maker	(3373)	33.19	32.00	5.59	4.00	7.50	10.00	As Certified
COOPERATIVE G. L. F. MILLS, INC. Buffalo, N. Y.								
Milk Maker	(2500)	25.69	24.00	4.36	4.00	7.34	9.00	Ae Certified
Milk Maker	(2564)	27.56	24.00	4.33	4.00	7.78	9.00	As Certified
Upland 20% Dairy	(2498)	21.75	20.00	3.69	3.00	9.83	12.00	As Certified
Upland 20% Dairy	(3166)	20.75	20.00	3.51	3.00	10.20	12.00	As Certified
30% Dairy Mixing Feed	(2499)	32.31	30.00	4.32	3.50	7.52	10.00	Ae Certified
30% Dairy Mixing Feed	(2562)	32.63	30.00	4.07	3.50	7.23	10.00	As Certified
34% Dairy Mixing Feed	(2501)	36.88	34.00	3.90	3.50	6.81	9.00	Ae Certified
Exchange Dairy	(2566)	22.13	20.00	4.16	4.00	6.37	9.00	As Certified
Dry & Freehening Ration	(2568)	13.75	11.00	2.56	2.25	11.08	12.00	Ae Certified
Dry & Freshening Ration	(3168)	13.00	11.00	2.42	2.25	10.61	12.00	As Certified
Super Exchange Dairy	(2497)	21.69	20.00	6.25	4.50	7.45	9.50	As Certified
Super Exchange Dairy	(2571)	21.81	20.00	4.82	4.50	7.88	9.50	As Certified
Legume Dairy	(2573)	19.63	18.00	4.00	4.00	7.09	9.00	As Certified
CUMBERLAND VALLEY COOPERATIVE ASSN. Shippensburg, Pa.								
Hub 16% Dairy Feed	(2386)	16.88	16.00	5.11	3.00	11.81	12.00	Ae Certified
Hub 20% Dairy Feed	(2388)	22.00	20.00	3.46	4.00	11.82	12.00	As Certified
Old Reliable 24% Dairy Feed	(2385)	25.63	24.00	4.03	4.00	8.53	12.00	As Certified
Old Reliable 32% Dairy Feed	(2384)	34.50	32.00	3.83	4.00	6.73	10.00	Ae Certified
Old Reliable Superior Dairy Ration	(2389)	18.38	18.00	3.80	4.00	6.16	8.00	As Certified
DARLINGTON MILLING CO. Darlington, Pa.								
Darmico 20% Dairy	(2957)	25.06	20.00	4.06	3.00	7.70	8.00	Ae Certified
DIETRICH & GAMBRILL INC. Frederick, Md.								
Frederick 20% Dairy Feed	(2867)	22.19	20.00	4.61	4.00	10.31	12.00	Ae Certified
Pen-Mar 32% Dairy	(2427)	35.06	32.00	5.04	4.00	7.82	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guer.	Found	Guer.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS EXCHANGE Buffalo, N. Y.								
Eeetern Stetee Sixteen	(2625)	17.38	16.00	5.13	4.00	7.14	8.00	Ae Certified
Eeetern Stetes Sixteen	(3241)	18.69	16.00	4.31	4.00	6.78	8.00	Ae Certified
Fulpeil	(2622)	21.00	20.00	5.45	4.00	7.93	8.50	Ae Certified
Fulpeil	(2943)	22.31	20.00	5.26	4.00	7.32	8.50	Ae Certified
Fulpeil	(3249)	23.19	20.00	3.77	4.00	7.36	8.50	Ae Certified
Milkmore	(2623)	27.44	24.00	5.58	4.00	7.35	8.50	Ae Certified
Milkmore	(3254)	26.00	24.00	4.40	4.00	7.39	8.50	Ae Certified
E. FREDERICK OBRECHT & CO. Beltimore, Md.								
Egg-O-Milk Co.'e Blend	(3443)	36.81	32.00	1.76	1.50	3.64	4.00	As Certified
EGG-O-MILK CO. Beltimore, Md.								
Egg-O-Milk Co.'e Blend	(2551)	36.88	32.00	1.89	1.50	4.73	4.00	As Certified
J. I. ESHLEMAN & SONS Greencestle, Pe.								
E.L.M. 16% Deiry Feed	(2341)	18.81	16.00	3.61	3.00	11.82	12.00	Ae Certified
E.L.M. 20% Deiry Feed	(2344)	22.94	20.00	4.37	3.00	9.60	12.00	Ae Certified
E.L.M. 24% Deiry Feed	(2342)	28.31	24.00	3.63	3.00	10.11	10.00	As Certified
E.L.M. 32% Deiry Feed	(2340)	35.19	32.00	4.31	4.00	7.51	10.00	As Certified
JOHN W. ESHELMAN & SONS Lenceeter, Pe.								
Eehelman's S-O-S	(2441)	15.25	11.00	3.35	2.00	13.53	15.00	Ae Certified
Red Rose 16% Deiry Feed	(3272)	20.75	16.00	4.25	4.50	7.74	11.00	As Certified
Red Roee 20% Deiry Feed	(3273)	23.19	20.00	4.44	4.00	7.77	11.00	Ae Certified
Red Roee 24% Deiry Feed	(2440)	25.88	24.00	4.75	4.00	7.61	11.00	Ae Certified
Red Roee 32% Mixing Retion	(3271)	34.69	32.00	4.11	4.50	7.08	9.00	As Certified
Red Rose 32% Mixing Ration	(2442)	35.00	32.00	4.87	4.50	6.63	9.00	As Certified
Coneetoga 20% Deiry Feed	(3270)	22.56	20.00	4.54	4.00	9.97	11.00	Ae Certified
Pennsy 16 Deiry Feed	(3277)	19.06	16.00	3.63	3.00	11.88	11.00	Ae Certified
Pennsy 16 Deiry Feed	(3180)	20.38	16.00	4.78	3.00	12.54	11.00	As Certified
Penney 16 Deiry Feed	(2755)	19.50	16.00	4.58	3.00	10.95	11.00	Ae Certified
Chellenge 24 Deiry Feed	(2756)	26.69	24.00	4.95	4.00	8.90	11.00	Ae Certified
FARM BUREAU MILLING CO. Manheim, Pe.								
18% Milk Meker	(2707)	20.50	18.00	3.88	3.50	7.37	10.00	As Certified
20% Milk Meker	(2706)	20.88	20.00	4.11	4.00	5.92	9.50	As Certified
24% Milk Maker	(2704)	25.25	24.00	4.39	3.50	5.75	10.00	Ae Certified
30% Milk Meker	(2701)	31.81	30.00	5.48	3.50	7.26	10.00	As Certified
34% Milk Meker	(2700)	38.00	34.00	4.54	4.00	6.45	9.00	As Certified
Super 20% Milk Maker	(2705)	21.00	20.00	4.91	4.00	7.20	10.00	As Certified
Super 24% Milk Maker	(2703)	26.44	24.00	5.87	4.50	7.96	10.00	As Certified
Super 32% Milk Meker	(2702)	35.13	32.00	5.62	4.00	7.91	10.00	As Certified
32% Mermede Balencer	(2714)	34.88	32.00	5.20	3.00	6.27	7.50	As Certified
Mermash	(3132)	16.19	16.00	3.39	3.50	5.01	7.00	As Certified
16% Dairy Feed	(2711)	18.50	16.00	3.47	2.50	8.74	11.00	Ae Certified
20% Deiry Feed	(2710)	24.94	20.00	3.79	3.00	6.35	11.00	As Certified
24% Deiry Feed	(2709)	28.19	24.00	3.38	2.50	8.87	11.00	As Certified
FARMERS UNION COOPERATIVE, INC., Greenceetle, Pe.								
17% Deiry Feed	(2405)	17.69	17.00	4.42	4.20	7.96	10.00	Ae Certified
FLORY MILLING CO. Bangor, Pe.								
Netionel 16% Deiry Feed	(3428)	16.13	16.00	4.87	3.00	11.97	11.00	Ae Certified
Netionel 20% Deiry Feed	(3043)	20.81	20.00	4.18	4.00	7.86	10.00	Ae Certified
Netionel 24% Deiry Feed	(3042)	23.25	24.00	4.49	4.00	8.40	10.00	Ae Certified
Netionel 24% Deiry Feed	(3424)	23.94	24.00	4.06	4.00	8.76	10.00	Ae Certified
Flory's 16% Deiry Feed	(3041)	19.38	16.00	4.43	4.00	7.22	10.00	As Certified
Flory's 32% Mixing Feed	(3427)	32.81	32.00	5.02	4.00	7.13	10.00	As Certified
GENERAL MILLS, INC., Minneepolis, Minn.								
Farm Service 20% Deiry	(3162)	21.94	20.00	4.17	3.50	8.22	12.00	As Certified
More Milk Deiry Feed	(3381)	21.00	20.00	4.00	4.00	9.17	11.50	Ae Certified
GIBBS MILLING CO. Nenticoke, Pe.								
Gibbs Speciel Deiry Feed	(2749)	22.81	22.00	4.38	4.30	9.33	10.50	As Certified
JAS. A. GOSS Lewietown, Pe.								
Gt. Rock 20% Deiry Retion	(2437)	19.50	20.00	4.29	4.00	9.36	10.00	Ae Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THE GREAT ATLENTIC & PACIFIC TEA CO. New York, N. Y.								
Daily Milk Dairy Feed 16%	(3365)	18.56	16.00	3.74	3.00	13.25	12.00	As Certified
HALES & HUNTER CO. Chicego, Ill.								
Gold Flake 16½% Dairy Feed	(2830)	22.50	16.50	2.77	3.00	9.91	15.00	As Certified
Gold Flake 16½% Dairy Feed	(3401)	20.44	16.50	3.32	3.00	11.22	15.00	
THE HERRMAN-MCLEAN CO. Cleveland, Ohio								
Ohio 24% Dairy Ration	(3103)	23.69	24.00	3.45	3.00	12.63	12.00	As Certified
HUNTSINGER'S MILL Regins, Pa.								
Quality Dairy Ration 20%	(2512)	21.00	20.00	4.55	4.50	7.03	10.00	As Certified
KASCO MILLS, INC., Toledo, Ohio								
Apex 24% Dairy Feed	(3150)	22.50	24.00	3.81	3.50	9.62	12.00	As Certified
F. B. KERN Catawissa, Pa.								
Kernie's Sweet 16% Dairy Feed	(2475)	19.69	16.00	5.90	2.80	10.63	11.00	As Certified
Kernie's 32% Dairy Supplement	(2474)	34.06	32.00	6.53	3.50	6.81	10.00	As Certified
Blue Ribbon 20% Dairy Feed	(2476)	24.44	20.00	5.95	3.00	9.51	11.00	As Certified
Blue Ribbon 24% Dairy Feed	(2477)	26.38	24.00	4.44	3.50	8.84	11.00	As Certified
KINTNER MILLING CO. Mehoopany, Pa.								
Big "V" 20% Protein Dairy Ration	(2765)	25.06	20.00	3.70	4.00	6.01	9.00	As Certified
Kmco Super 20% Protein Dairy Ration	(2759)	23.63	20.00	4.42	5.00	7.38	9.00	As Certified
S. C. KRIEBEL West Point, Pa.								
West Point Dairy Feed	(3335)	20.63	22.00	4.00	4.00	10.07	10.00	As Certified
LARROWE MILLING CO. Detroit, Mich.								
Larro Dairy Feed	(2874)	22.13	20.00	4.50	3.75	9.40	12.00	As Certified
Larro 32% Dairy Feed	(2401)	34.31	32.00	4.74	4.00	9.07	10.50	As Certified
LYCOMING MILLS Williamsport, Pa.								
Dairy Feed 24%	(2774)	25.44	24.00	4.68	3.50	8.38	9.50	As Certified
Dairy Feed 32%	(2775)	32.19	32.00	3.47	3.50	6.76	10.00	As Certified
W. H. MANBECK & CO. Mifflin, Pa.								
Juniata Dairy Feed	(2692)	18.75	16.00	3.23	3.00	10.21	10.50	As Certified
MARION SUPPLY CO. Marion, Pa.								
Marion Dairy Feed	(2398)	24.19	20.00	4.25	3.50	7.16	10.00	As Certified
Marion 32% Dairy	(2399)	34.38	32.00	5.45	4.00	9.62	14.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.								
B-B Dry & Fresh Cow Fitting Ration	(3193)	16.19	13.00	3.40	3.75	9.18	9.00	As Certified
B-B "24" Dairy Ration	(3190)	26.38	24.00	3.60	4.00	8.62	9.00	As Certified
B-B Farmers Mixing Feed	(2378)	34.06	32.00	3.56	4.00	6.96	9.00	As Certified
Hi-Test Dairy Feed 20% Protein Sweetened	(2601)	22.56	20.00	3.62	4.00	11.28	12.00	As Certified
Hi-Test Dairy Feed 20% Protein Sweetened	(3171)	21.69	20.00	4.09	4.00	10.75	12.00	As Certified
Hi-Test Dairy Feed 24% Protein Sweetened	(2522)	27.25	24.00	3.94	4.00	9.20	12.00	As Certified
Hi-Test Dairy Feed 24% Protein Sweetened	(2599)	25.13	24.00	3.60	4.00	9.66	12.00	As Certified
Hi-Test Dairy Feed 24% Protein Sweetened	(2840)	24.75	24.00	4.03	4.00	9.72	12.00	As Certified
Hi-Test Dairy Feed 24% Protein Sweetened	(3173)	25.94	20.00	3.72	4.00	9.15	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses	(2375)	18.81	16.00	3.94	3.75	9.24	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses	(2600)	20.56	16.00	3.41	3.75	12.13	12.00	As Certified
Marmico 16% Protein Dairy Feed with Molasses	(3170)	17.75	16.00	3.38	3.75	11.11	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Mermico 16% Protein Dairy Feed with Molasses	(3192)	19.00	16.00	3.34	3.75	9.38	12.00	As Certified
MCMILLEN FEED MILLS Fort Wayne, Indiana								
Master Mix 32% Dairy Concentrate	(2544)	34.88	32.00	3.90	2.00	7.59	8.00	As Certified
MAUSER MILL CO. Allentown, Pa.								
Mauser's Dairy Ration	(3037)	21.56	21.00	3.87	4.00	11.31	12.00	As Certified
MEYERS BROTHERS Watsontown, Pa.								
Satin 20% Dairy Feed	(2970)	22.13	20.00	3.63	4.00	7.78	12.00	As Certified
Satin 24% Dairy Feed	(2972)	25.13	24.00	3.60	4.00	6.42	10.00	As Certified
Satin 32% Dairy Supplement	(2969)	30.69	32.00	3.74	4.00	6.33	9.00	As Certified
MOSES BROTHERS CO., INC., Eaton, New York								
5 M.M.M. Dairy Ration	(2901)	25.44	24.00	5.40	5.00	3.83	10.00	As Certified
P. J. OESTERLING & SON Butler, Pa.								
Our Special 20% Dairy	(2931)	25.31	20.00	3.97	3.00	7.90	11.00	As Certified
PAOLI COAL & SUPPLY CO. Atglen, Pa.								
Cream-Rite Dairy Ration 16%	(2668)	20.13	16.00	4.31	3.00	12.54	12.00	As Certified
Cream-Rite Dairy Ration 20%	(2667)	23.50	20.00	4.60	4.00	8.93	9.00	As Certified
Cream-Rite Dairy Ration 24%	(2665)	27.31	24.00	5.09	4.00	3.55	9.00	As Certified
Cream-Rite Dairy Ration 32%	(2664)	35.00	32.00	5.62	4.00	7.26	9.00	As Certified
Paoli 24% Dairy Feed	(2666)	24.81	24.00	4.43	3.50	10.85	12.00	As Certified
PARK & POLLARD CO. Buffalo, N. Y.								
Milkmaid 20% Dairy Ration	(2655)	22.13	20.00	4.51	3.50	8.04	10.00	As Certified
Doublex 20% Dairy Ration	(2758)	19.81	20.00	4.59	3.50	10.64	11.00	As Certified
Doublex 20% Dairy Ration	(2879)	22.81	20.00	4.09	3.50	9.67	11.00	As Certified
Doublex 24% Dairy Ration	(2654)	23.75	24.00	4.54	3.50	10.15	11.00	As Certified
Doublex 24% Dairy Ration	(3455)	25.38	24.00	4.89	3.50	8.46	11.00	As Certified
PINE RUN FARM SUPPLY Doylestown, Pa.								
Pine Run 32% Dairy Feed	(2677)	30.31	32.00	4.34	4.00	6.97	9.00	As Certified
PRATT FOOD CO., INC., Philadelphia, Pa.								
Utility Sweet 20% Dairy Feed	(2737)	22.13	20.00	3.15	3.50	5.22	12.00	As Certified
Utility Sweet 20% Dairy Feed	(2838)	20.94	20.00	4.11	3.50	10.74	12.00	As Certified
PRESTONS INC., Canton, Pa.								
Sweet Dairy Feed	(2770)	23.19	20.00	5.79	4.00	7.41	8.00	As Certified
Sweet Dairy #3	(2768)	24.69	20.00	4.49	4.00	7.78	8.00	As Certified
24% Dairy Ration	(2766)	24.63	24.00	4.66	4.00	8.17	10.00	As Certified
RALSTON PURINA CO. St. Louis, Mo.								
Purina War Time Bulky Lax Chow	(2464)	19.69	12.00	5.27	2.00	12.09	15.00	As Certified
Purina Extra Relish Cow Chow	(2465)	28.94	24.00	3.96	3.00	7.22	9.00	As Certified
Purina 24% Cow Chow	(2465)	25.19	24.00	4.93	3.00	7.90	11.00	As Certified
THE QUAKER OATS CO. Chicago, Ill.								
Ful-O-Pep Super Greens	(2322)	20.06	19.00	6.48	4.50	6.55	7.00	As Certified
Quaker 16% Protein Dairy Ration	(2326)	17.44	16.00	3.73	3.00	10.30	12.00	As Certified
Quaker 16% Protein Dairy Ration	(3230)	20.25	16.00	3.22	3.00	10.45	15.00	As Certified
Quaker 24% Dairy Ration	(3226)	24.75	24.00	3.96	3.75	10.71	12.00	As Certified
Quaker 24% Protein Dairy Ration	(2949)	23.31	24.00	4.40	3.75	10.26	12.00	As Certified
Quaker 24% Protein Dairy Ration	(3296)	25.00	24.00	4.17	3.75	9.07	12.00	As Certified
Quaker Cattle Feed Supplement - 32% Protein	(2950)	33.94	32.00	5.20	4.00	10.57	11.00	As Certified
Ful-O-Pep 20% Dairy Ration	(3224)	18.28	20.00	4.65	4.00	6.82	9.00	As Certified
Ful-O-Pep 24% Dairy Ration	(2324)	27.31	24.00	5.56	4.00	7.21	9.00	As Certified
Ful-O-Pep 32% Dairy Ration	(2323)	34.06	32.00	5.71	4.00	8.31	9.00	As Certified
Cattle Feed Supplement 32% Protein	(5234)	32.69	32.00	4.69	4.00	10.44	8.00	As Certified
RALSTON PURINA CO. St. Louis, Mo.								
Purina Dry & Freshening Chow	(2595)	16.13	12.50	3.34	2.00	13.23	14.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Purina 14% Cow Chow	(2591)	17.13	14.00	3.92	3.50	7.94	10.00	As Certified
Purina 24% Cow Chow	(2596)	27.38	24.00	3.72	3.00	7.87	11.00	As Certified
Purina 34% Cow Chow Supplement	(2597)	37.69	34.00	4.08	3.00	6.12	9.00	As Certified
Purina Chowder 32%	(2589)	34.63	32.00	5.57	3.50	8.07	9.00	Ae Certified
READING MILLING CO. Reading, Pa.								
Faramel Dairy Feed	(2786)	25.00	24.00	3.64	4.00	5.05	10.00	As Certified
Wertz Circle 16% Dairy Feed	(2795)	16.94	16.00	3.08	4.00	10.13	11.00	Ae Certified
Wertz Circle 20% Dairy Feed	(2796)	18.81	20.00	3.28	4.00	8.77	11.00	Ae Certified
Wertz Circle 24% Dairy Feed	(2797)	22.19	24.00	3.52	4.00	8.26	11.00	As Certified
C. C. REPLOGLE Woodbury, Pa.								
Replogle's 16% Golden Seal Dairy Feed	(2552)	16.19	16.00	3.08	3.00	9.63	11.00	As Certified
Replogle's 24% Golden Seal Dairy Feed	(2553)	25.69	24.00	3.61	4.00	7.00	9.00	As Certified
THE RICHARDS MILLING CO. Cortland, Ohio								
Richards 16% Dairy Feed	(3274)	18.06	16.00	4.05	2.00	10.37	12.00	As Certified
Richards Cash 24% Dairy Feed	(2955)	27.06	24.00	3.36	3.00	11.02	11.00	As Certified
J. S. RILEY & CO. New Castle, Pa.								
Pioneer 24% Dairy Feed	(3350)	23.69	24.00	3.82	4.00	6.84	12.00	Ae Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Dairy Feed	(2519)	22.06	20.00	5.27	4.00	8.33	11.00	As Certified
SOMERSET MILLING CO. Somerset, Pa.								
Just Right 20% Dairy Ration	(3285)	24.88	20.00	5.48	4.50	9.27	9.00	Ae Certified
J. HAROLD SNOOK Beavertown, Pa.								
Snook's 32% Dairy Supplement	(2980)	35.25	32.00	4.07	4.00	6.89	8.00	As Certified
D. A. STICKELL & SONS, INC., Hagerstown, Md.								
Su-Pur Sweet 32% Mixing Ration	(2421)	31.63	32.00	4.89	4.50	8.43	10.00	As Certified
PAUL O. SUNDAY Carlisle, Pa.								
16% Cumberland Dairy	(3313)	20.19	16.00	3.48	3.50	10.70	12.00	As Certified
20% Cumberland Diary	(3312)	23.19	20.00	5.01	4.50	9.98	12.00	As Certified
24% Cumberland Dairy	(3314)	27.56	24.00	4.58	4.00	8.01	10.00	Ae Certified
32% Cumberland Dairy	(3315)	33.00	32.00	4.72	5.00	6.55	12.00	As Certified
L. F. SWOOPE & CO. Duncansville, Pa.								
Exlnt 20% Dairy Feed	(3409)	18.50	20.00	3.23	4.50	8.19	8.50	As Certified
A. J. THOMPSON Wycombe, Pa.								
Xcelmix 20% Dairy Feed	(3048)	23.31	20.00	4.24	4.00	9.95	11.00	As Certified
Xcelmix 30% Dairy Feed	(3047)	33.50	30.00	4.59	4.00	9.69	10.50	As Certified
THORPE, BAKER & CO. Carbondale, Pa.								
Red Tag Dairy Ration	(2905)	24.31	20.00	4.83	4.00	8.78	10.00	As Certified
High-Test Dairy Ration	(2906)	23.38	20.00	4.12	4.00	7.25	9.00	As Certified
White Tag Dairy Ration	(2907)	23.44	20.00	3.89	4.00	6.71	10.00	As Certified
C. A. Dairy Ration	(2910)	25.13	20.00	4.04	4.00	7.80	9.00	As Certified
THRIFT FEED MILL Doylestown, Pa.								
Thriftee 20% Dairy	(2673)	21.94	20.00	4.79	4.00	7.96	9.00	As Certified
Thriftee 24% Dairy	(2672)	25.13	24.00	4.57	4.00	7.67	8.50	As Certified
THE UBIKO MILLING CO. Cincinnati, Ohio								
Clover Bloom Sweet 16% Feed	(3297)	17.19	16.00	2.73	3.00	11.59	12.00	As Certified
24% Dry Union Grains Dairy Ration	(3299)	28.06	24.00	4.70	5.00	8.26	10.00	As Certified
24% Dry Union Grains Dairy Ration	(3454)	26.50	24.00	5.03	5.00	9.45	10.00	As Certified
24% Sunbeam Dairy Ration	(3300)	24.75	24.00	2.94	3.50	8.28	12.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
32% Sweet Union Grains Dairy Ration (3302)	35.00	32.00	3.60	4.00	6.46	10.00	As Certified
20% Sweet Union Grains Dairy Ration (3002)	21.81	20.00	4.11	4.00	11.90	10.00	As Certified
VANDERVORT'S MILLS Laceyville, Pa.							
Vandervort's 16% Dairy Ration (2583)	16.69	16.00	4.35	4.00	11.05	11.00	As Certified
Vandervort's 18% Dairy Ration (2575)	17.81	18.00	4.10	4.00	6.72	10.00	As Certified
Vandervort's 24% Dairy Ration (2576)	26.13	24.00	5.30	4.00	7.18	8.00	As Certified
Vandervort's 32% Dairy Ration (2582)	34.63	32.00	5.61	3.75	6.92	7.00	As Certified
Vandervort's 20% Special Dairy Ration (2577)	22.75	20.00	4.90	4.50	7.21	8.00	As Certified
Home Grains 20% Dairy Ration (2578)	23.25	20.00	4.44	4.00	8.81	10.00	As Certified
VITALITY MILLS, INC., Chicago, Ill.							
Velvet Dairy Feed (3266)	17.06	16.00	4.03	2.50	11.46	12.00	As Certified
Vitality Brand 20% Milk Builder (3260)	20.19	20.00	3.27	3.00	8.48	12.00	As Certified
Vitality Brand Record Maker 24% Dairy Feed (3261)	25.25	24.00	3.05	3.00	9.36	11.00	As Certified
Vitality Brand 32% Milk and Body Builder Supplement (3265)	32.06	32.00	3.45	3.00	6.26	10.00	As Certified
VITA-VIM MILLERS Buffalo, N. Y.							
Vita-Vim Aurora 24% Dairy Ration (3191)	26.88	24.00	3.86	3.50	8.68	12.00	As Certified
WAYNESBURG MILLING CO. Waynesburg, Pa.							
20% Dairy Feed (3115)	19.88	20.00	4.52	3.50	8.16	11.00	As Certified
24% Dairy Feed (3117)	23.63	24.00	4.81	3.50	8.46	11.00	As Certified
WOODBURY MILLING CO. Woodbury, Pa.							
Old Home Dairy Feed (2558)	18.50	16.00	3.36	4.00	10.17	12.00	As Certified
Average	24.41	----	4.24	----	8.54	----	
Proprietary Stock, Horse and Mule Feed							
ALLIED MILLS, INC., Chicago, Ill.							
Amco Fitting Ration (3028)	15.44	12.00	4.07	3.50	7.20	9.00	As Certified
R. S. ALTMAN Irwin, Pa.							
Altman's Horse Feed (3109)	9.39	8.00	3.22	3.00	6.06	15.00	As Certified
Altman's Horse Feed (3206)	11.69	8.00	3.15	3.00	7.24	15.00	As Certified
Altman's Super A Enriched 12 - Fitting Ration (3305)	17.06	12.00	3.24	3.50	6.76	10.00	As Certified
ANDERSON GRAIN & FEED CO. York, Pa.							
J. T. 85% Horse Feed (3460)	10.06	9.00	3.87	2.50	6.27	12.00	As Certified
BROWN & FASSETT Tunkhannock, Pa.							
B & F Fitting Ration (3153)	13.88	12.00	3.70	4.00	5.92	10.00	As Certified
F. M. BROWN'S SONS Birdsboro, Pa.							
Brown's Horse Feed (2803)	10.77	10.00	3.84	2.50	6.31	12.00	As Certified
Brown's Fitting Ration (2805)	17.31	14.00	3.21	3.50	7.24	8.00	As Certified
HERBERT BRYANT, INC., Washington Grove, Md.							
Bryant's Stock Feed (2415)	20.47	17.00	0.87	0.75	12.50	13.25	As Certified
J. A. CLARK Shamokin, Pa.							
Clark's Horse Feed (2531)	12.56	10.00	4.14	3.00	5.40	12.00	As Certified
COOPERATIVE G. L. F. MILLS, INC., Buffalo, N. Y.							
Fitting Ration (2561)	18.50	14.00	3.96	3.00	6.87	8.50	As Certified
Horse Feed (2565)	14.75	9.00	4.20	3.00	6.22	9.00	As Certified
Horse Feed (3164)	16.06	9.00	3.79	3.00	6.67	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	P.ct.	
DIETRICH & GAMBRILL INC., Frederick, Md.								
Gambrill's Horse Feed	(2872)	10.25	10.00	3.96	3.50	6.64	12.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Fitting Ration	(2629)	15.69	14.00	4.42	3.00	7.61	8.50	As Certified
Fitting Ration	(2942)	16.31	14.00	4.09	3.00	7.97	8.50	As Certified
Fitting Ration	(3240)	15.75	14.00	4.14	3.00	7.08	8.50	As Certified
Horse Feed	(2631)	11.19	10.50	4.16	3.50	6.04	7.00	As Certified
Horse Feed	(2940)	12.63	10.50	4.15	3.50	6.27	7.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pa.								
E.L.M. Horse Feed	(2346)	12.44	11.00	3.58	3.50	7.37	9.00	As Certified
JOHN W. ESHELMAN & SON Lancaster, Pa.								
Lancaster 60 Horse Feed	(2859)	10.63	9.00	3.49	2.50	12.68	11.00	As Certified
Red Rose 85 Horse Feed	(2860)	10.50	9.00	3.47	3.00	6.71	10.00	As Certified
FARM BUREAU MILLING CO. Manheim, Pa.								
Fitting Ration	(2708)	15.75	14.00	3.76	3.00	6.78	9.00	As Certified
Horse Feed	(2721)	12.75	9.00	3.53	3.00	5.75	10.00	As Certified
FLORY MILLING CO. Bangor, Pa.								
Flory Fitting Ration	(3419)	17.00	12.00	3.62	3.50	8.41	9.00	As Certified
HUNTSINGER'S MILL Hegins, Pa.								
Quality Horse Feed	(2504)	12.13	9.00	4.06	3.00	8.16	11.00	As Certified
KINTNER MILLING CO. Mahoopany, Pa.								
Kmco Fitting Ration	(2760)	17.50	14.00	4.08	4.00	8.22	8.00	As Certified
S. C. KRIEBEL West Point, Pa.								
West Point Horse Feed	(3336)	11.63	10.00	3.76	10.00	6.99	4.00	As Certified
MAUSER'S MILL CO. Allentown, Pa.								
Mauser's Stock Feed	(3038)	11.88	12.00	3.01	3.25	4.78	12.00	As Certified
MENHADEN FISH MEAL CO. Baltimore, Md.								
Diamond Sweet Molasses Meal	(2679)	15.94	14.00	1.29	3.00	5.20	8.00	As Certified
PAOLI COAL & SUPPLY CO. Atglen, Pa.								
Heavy Grain Horse Feed	(2670)	12.13	10.00	3.77	3.00	5.50	8.00	As Certified
Calf Grow-Rite and Fitting Ration with C.L.O.	(2669)	14.06	12.00	4.55	4.00	7.63	9.00	As Certified
PARK & POLLARD CO. Buffalo, N. Y.								
Yankee Horse Feed	(2656)	10.20	10.00	3.57	3.50	5.70	9.00	As Certified
Park & Pollard Stock Feed	(2880)	10.00	9.00	4.00	3.50	9.47	12.00	As Certified
PRESTONS INC., Canton, Pa.								
Prestone Fitting Ration	(2772)	16.50	12.00	4.34	4.00	6.31	10.00	As Certified
THE QUAKER OATS CO. Chicago, Ill.								
Quaker Sugared Schumacher Feed	(2325)	13.13	12.00	4.64	3.00	9.91	12.00	As Certified
Quaker Sugered Schumacher Feed	(3223)	13.56	12.00	3.90	3.00	10.80	12.00	As Certified
Quaker Sugered Schumacher Feed	(3298)	12.13	12.00	3.17	3.00	8.84	12.00	As Certified
Ful-O-Pep Dry & Fitting Ration	(2327)	17.56	14.00	4.68	3.50	6.64	9.00	As Certified
READING MILLING CO. Reading, Pa.								
A-1 Horse Feed	(2792)	8.08	6.00	2.53	2.00	10.06	11.00	As Certified
Faramel Horse Feed	(2793)	9.43	9.00	2.96	3.00	5.95	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RICHARDS MILLING CO. Cortland, Ohio								
Richards Horse Feed	(2954)	9.19	9.00	2.93	3.00	6.51	10.00	As Certified
B. F. SHEESLEY & SON Harrisburg, Pa.								
Sheesley's Champion Live Stock Feed	(2413)	16.56	18.00	11.00	10.00	14.63	12.00	As Certified
JESSE C. STEWART CO. Pittsburgh, Pa.								
Iron City Brand Stock Feed	(3137)	9.00	8.00	2.93	2.00	8.33	12.00	As Certified
THORPE, BAKER & CO. Carbondale, Pa.								
Fitting Ration	(2903)	16.44	12.00	4.17	4.00	6.50	10.00	As Certified
UBIKO MILLING CO. Cincinnati, Ohio								
Crusader Horse Feed	(3000)	10.43	9.00	3.33	2.50	9.87	10.00	As Certified
VANDERVORT'S MILLS Lacsyville, Pa.								
Vandervort's 12% Fitting Ration	(2580)	14.81	12.00	5.30	4.00	6.52	7.00	As Certified
Molasses Horse Feed	(2587)	12.81	9.00	4.15	4.00	5.42	8.00	As Certified
VITALITY MILLS, INC., Chicago, Ill.								
Advance Stock Feed	(3256)	10.13	9.00	3.30	2.00	8.66	12.00	As Certified
Average		13.35	----	3.82	----	7.48	----	
Proprietary Calf Meal								
ALLIED MILLS, INC., Chicago, Ill.								
Wayne Complete Calf Meal	(2894)	17.63	16.00	3.50	3.30	9.11	9.00	As Certified
Wayne Calf Meal	(3392)	24.69	24.00	4.15	4.00	5.37	7.00	As Certified
R. S. ALTMAN Irwin, Pa.								
Altman Calf Meal	(3011)	24.31	18.00	3.68	3.00	4.81	4.50	As Certified
ANDERSON GRAIN & FEED CO. York, Pa.								
Anderson V Calf Grower	(3458)	19.19	16.00	4.10	3.50	3.60	8.00	As Certified
DIAMOND MILLING CO. New Brighton, Pa.								
Diamond Calf Meal	(3019)	23.38	22.00	4.58	3.00	6.56	7.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Calving Ration	(2633)	13.25	10.00	2.23	1.50	18.81	18.00	As Certified
Calf Starter	(2626)	25.50	23.00	4.50	4.00	4.08	4.00	As Certified
Calf Starter Pellets	(2941)	23.94	23.00	4.32	3.50	4.19	4.50	As Certified
Calf Starter Pellets	(3237)	23.75	23.00	3.76	3.50	4.08	4.50	As Certified
FARM BUREAU MILLING CO. Manheim, Pa.								
Calf Meal	(2720)	20.75	20.00	4.28	3.50	3.40	4.50	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.								
B-B Calf Starter Ration	(2379)	20.69	18.50	3.63	3.00	6.54	8.00	As Certified
VANDERVORT'S MILLS Lacsyville, Pa.								
Vandervort's Calf Food	(2588)	20.56	18.00	3.97	4.00	3.12	6.00	As Certified
VITA-VIM MILLERS Buffalo, N. Y.								
Vita-Vim Calf Meal	(3197)	17.56	16.00	3.81	3.50	5.05	6.25	As Certified
Vita-Vim Calf Meal	(3198)	19.06	16.00	3.30	3.50	4.21	6.25	As Certified
Average		21.02	----	3.84	----	5.92	----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Proprietary Swine Feed								
ALLIED MILLS, INC., Ohioego, Ill.								
Weyne Hog Supplement	(3326)	41.69	40.00	4.55	4.00	6.81	7.00	As Certified
Wayne Hog Supplement	(3363)	41.50	40.00	4.78	4.00	6.13	7.00	As Certified
Wayne Empire Hog Supplement	(3378)	41.06	40.00	5.26	4.00	6.38	7.00	As Certified
Weyne Pig & Sow Meal	(3327)	21.06	20.00	4.22	3.50	4.76	7.00	As Certified
R. S. ALTMAN Irwin, Pe.								
Altmen'e Hog Feed with Yeeet	(2614)	18.31	15.00	4.58	3.00	6.43	7.00	As Certified
Altmen'e Hog Feed with Yeast	(3084)	21.06	15.00	5.10	3.00	6.35	7.00	As Certified
Altmen's Hog Feed with Yeast	(3218)	19.19	15.00	5.08	3.00	7.19	7.00	As Certified
Altman'a Hog Feed	(3147)	18.50	15.00	4.90	3.00	6.62	7.00	As Certified
Altmen's Hog Concentrate 40% with Yeeet	(3219)	46.44	40.00	4.70	5.00	5.71	6.50	As Certified
A. J. BALSHI Cetewisee, Pe.								
Pig Starter	(2484)	19.38	20.00	4.30	3.50	4.21	5.00	As Certified
F. M. BROWN'S SONS Birdeboro, Pa.								
Imperiel Pig Feed	(2802)	18.56	16.00	3.87	4.00	8.57	8.00	As Certified
THE BUCKEYE CEREAL CO. Meseillon, Ohio								
Proeperity Hog Meal	(3113)	18.88	16.00	3.50	3.00	5.59	8.50	As Certified
CASTLE MILLING & PAPER CO. New Castle, Pe.								
Our Own Y-O Hog Feed	(2948)	18.06	18.00	3.62	4.00	4.64	6.00	As Certified
J. A. CLARK Shemokin, Pa.								
Clark'a Hog Meal	(2529)	17.44	16.00	4.66	3.50	4.20	8.00	As Certified
COOPERATIVE MILLS, INC., Baltimore, Md.								
Pig end Hog Feed	(3371)	17.13	16.00	2.91	3.00	3.91	7.00	As Certified
ARCADY FARMS MILLING CO. Chicago, Ill.								
Sunkist 40% Hog Supplement	(3353)	42.75	40.00	4.92	3.00	6.29	8.00	As Certified
COOPERATIVE C. L. F. MILLS, INC., Buffalo, N. Y.								
Hog Feed	(2560)	19.56	17.00	4.60	3.50	4.78	6.00	As Certified
Hog Feed	(3169)	19.25	17.00	4.14	3.50	4.82	6.00	As Certified
CUMBERLAND VALLEY COOPERATIVE ASSN. Shippensburg, Pa.								
Old Relieble 40% Hog Concentrate	(2391)	41.06	40.00	5.36	5.00	4.50	6.00	As Certified
Old Reliable Pig & Hog Meal	(2387)	18.94	15.00	4.59	4.00	5.95	8.00	As Certified
DE WALDS MILL Bloomsburg, Pe.								
Blue Ribbon Pig & Hog Meal	(2489)	16.06	14.00	4.63	4.00	5.96	5.00	As Certified
DIETRICH & GAMBRILL Frederick, Md.								
Pig & Hog Meel	(2426)	20.81	18.00	4.31	4.00	5.26	8.00	As Certified
Pig & Hog Meel	(2869)	19.75	18.00	4.33	4.00	6.29	8.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Red Rose Pig & Hog Meal	(2754)	20.19	18.00	4.23	4.00	4.82	10.00	As Certified
Red Rose Pig & Hog Meal	(3184)	19.25	18.00	4.30	4.00	7.41	10.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pa.								
E.I.M. Hog Ration	(2345)	17.13	15.00	3.73	3.50	8.54	8.00	As Certified
E.I.M. Hog Supplement	(2348)	41.69	35.00	5.05	4.50	3.61	5.00	As Certified
Sure Curl Pig Meal	(2338)	19.19	18.00	4.10	4.00	6.43	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Hog Meal	(2630)	15.75	15.00	4.21	3.50	5.53	5.50	As Certified
Hog Meal	(3239)	15.94	15.00	3.02	3.50	4.78	5.50	As Certified
Hog Supplement	(2634)	37.38	40.00	6.99	6.50	4.88	4.50	As Certified
Hog Supplement	(3247)	42.06	40.00	7.42	4.50	4.35	4.50	As Certified
FARM BUREAU MILLING CO. Menheim, Pa.								
Pork Maker 17% Protein	(2722)	18.44	17.00	4.47	3.50	4.95	7.00	As Certified
Pork Maker 40% Protein	(2723)	42.13	40.00	6.45	3.00	5.53	7.00	As Certified
FARMERS UNION COOPERATIVE, INC., Greencastle, Pa.								
Pig Meal	(2406)	16.69	19.00	5.00	4.00	5.31	6.00	As Certified
FLORY MILLING CO. Bangor, Pa.								
Flory Hog Meal	(3422)	17.63	17.00	3.92	3.00	8.15	9.00	As Certified
FRANKLIN MILLING CO. Middleburg, Pa.								
Franklin Hog Feed	(2976)	17.25	16.00	3.52	4.50	7.46	7.00	As Certified
GENERAL MILLS, INC., Minneapolis, Minn.								
Home State 15% Hog Feed	(3383)	16.13	15.00	2.61	3.00	3.64	11.00	As Certified
JAS. A. GOSS Lewistown, Pa.								
Mt. Rock Hog Feed	(2435)	16.00	17.00	3.56	4.00	4.75	7.00	As Certified
HEFTY MILLING CO. Allenwood, Pa.								
Hafty's Hog & Pig Ration	(2975)	17.06	17.00	3.50	4.00	5.65	7.00	As Certified
A. J. HERBSTER Laurelton, Pa.								
Herbster's Battar Hog Ration	(2984)	19.63	16.00	4.60	5.00	6.62	8.00	As Certified
Herbster's Better Pig Meal	(2983)	15.44	16.00	3.08	5.00	5.66	7.00	As Certified
THE HERRMAN-MCLEAN CO. Cleveland, Ohio								
Ohio 15% Hog Meal	(3106)	20.75	15.00	4.33	4.00	6.13	8.00	As Certified
HUNTSINGER'S MILL Hegins, Pa.								
Quality Hog Feed	(2513)	16.25	16.00	3.81	4.00	6.42	9.00	As Certified
JOHNSONS FEED MILL Kreegeville, Pa.								
Johnsons Pig & Hog Feed	(3342)	15.44	15.00	2.69	3.00	6.62	5.50	As Certified
W. R. KENDALL Webster Mills, Pa.								
Kendall's Pig Meal	(2417)	16.63	16.00	3.93	3.50	5.24	8.00	As Certified
F. B. KERN Catawissa, Pa.								
Kernie's 16% Hog Feed	(2469)	17.75	16.00	4.95	3.50	9.23	10.00	As Certified
Kernie's 32% Hog Supplement	(2394)	31.44	32.00	5.91	4.00	4.72	9.00	As Certified
KEYSTONE FEED & FARM PRODUCTS CORP. Uniontown, Pa.								
Keystone Pig & Hog Feed with Tankage	(3126)	18.88	15.00	4.24	3.00	6.72	11.00	As Certified
KINTNER MILLING CO. Mahoopeny, Pa.								
Kmcq Pig Ration	(2763)	19.19	17.00	4.77	4.00	7.15	5.00	As Certified
LARROWE MILLING CO. Detroit, Mich.								
Larro Hog Feed Concentrate	(2402)	41.06	40.00	6.74	5.50	6.15	7.00	As Certified
Larro Pig and Hog Builder	(2876)	19.88	17.50	4.19	4.00	7.27	7.50	As Certified

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TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix 40% Hog Concentrate	(3090)	40.94	40.00	3.63	3.50	7.08	8.00	As Certified
Master Mix 40% Hog Concentrate	(2543)	42.75	40.00	3.41	3.50	6.08	8.00	As Certified
MARION SUPPLY CO. Marion, Pa.								
Marion Pig & Hog Meal	(2397)	14.44	14.00	3.48	3.00	3.92	5.50	As Certified
MAUSER MILL CO. Palmerton, Pa.								
Mauser's Mixed Hog Feed	(3452)	18.44	16.00	3.98	3.00	7.58	6.00	As Certified
MAUSER & CRESSMAN Catasauqua, Pa.								
M & C Pig Feed	(3035)	15.69	14.50	3.94	4.00	4.61	6.00	As Certified
MARITIME MILLING CO., INC., Buffalo, N. Y.								
B-B Pig & Hog Concentrate	(3199)	32.06	40.00	3.84	4.00	4.58	5.50	As Certified
MECHANICSBURG MILLING CO. Mechanicsburg, Pa.								
Brandt's O. K. Pig & Hog Feed	(3088)	20.44	18.00	3.63	4.00	7.21	7.00	As Certified
MEYERS BROTHERS Watsontown, Pa.								
Satin Pig & Hog Meal	(2968)	20.63	16.00	2.72	4.00	5.40	7.00	As Certified
P. J. OESTERLING & SON Butler, Pa.								
Penna. State Farmers Hog Ration	(2930)	17.81	16.00	3.72	4.00	8.59	9.00	As Certified
PARK & POLLARD CO. Buffalo, N. Y.								
Go-Tu-It Pig & Hog Ration	(2881)	16.63	15.00	2.78	3.00	6.39	8.00	As Certified
PINE RUN FARM SUPPLY Doylestown, Pa.								
Pine Run 40% Hog Supplement	(2674)	42.75	40.00	5.44	5.00	5.94	7.00	As Certified
THE QUAKER OATS CO. Chicago, Ill.								
Quaker Pig-N-Hog Feed	(2330)	17.94	16.00	5.03	3.50	5.66	10.00	As Certified
Quaker Hog Feed Balancer 40% Protein	(3231)	40.00	40.00	5.25	4.00	5.82	7.00	As Certified
Quaker Pig-N-Hog Feed	(3228)	23.56	16.00	4.23	3.50	5.71	10.00	As Certified
RALSTON PURINA CO. St. Louis, Mo.								
Chowmix Hog Feed B	(2598)	14.69	14.00	4.03	3.50	5.11	7.00	As Certified
READING MILLING CO. Reading, Pa.								
Reading Hog Feed	(2794)	16.19	14.00	4.23	4.00	7.45	11.00	As Certified
J. S. RILEY & CO. New Castle, Pa.								
Pioneer Hog Feed	(3347)	17.56	17.00	3.81	3.00	7.43	8.00	As Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Sacromill Hog Feed	(2518)	18.88	17.00	5.68	4.00	7.60	7.00	As Certified
SHANK'S MILL Waynesboro, Pa.								
Shank's Hog Feed	(2367)	19.38	17.00	4.44	5.00	7.46	7.00	As Certified
J. HARROLD SNOOK Beavertown, Pa.								
Just Right Hog Feed	(2981)	17.25	17.00	3.81	4.00	6.35	7.00	As Certified
SOMERSET MILLING CO. Somerset, Pa.								
Just Right Pig & Hog Meal	(3286)	20.38	15.00	3.64	4.00	7.31	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JESSE C. STEWART Pittsburgh, Pa.								
Iron City Brand Hog Feed	(3388)	18.00	17.50	3.05	4.00	5.95	7.00	As Certified
D. A. STICKWELL & SONS INC., Hagerstown, Md.								
Su-Pur 36% Pig & Hog Supplement	(2422)	38.25	36.00	6.00	3.50	8.85	10.00	As Certified
L. P. SWOOPE & CO. Duncsnsville, Ps.								
Exlnt Pig Grower	(3408)	17.00	15.00	3.53	4.00	5.99	7.50	As Csrtifiad
W. B. THOMPSON & SON Wsynssboro, Pe.								
Thompson Pig & Hog Mesl	(2361)	15.44	15.00	4.25	4.00	9.81	11.50	As Csrtifiad
THORPE, BAKER & CO. Cerbondals, Ps.								
Thor-Bak Pig & Hog Fasd	(2909)	21.63	17.00	4.63	4.00	6.64	8.00	Ae Csrtified
UBIKO MILLING CO. Cincinneti, Ohio								
Pig & Sow Retion	(3008)	19.69	16.00	4.57	4.00	6.93	7.00	As Csrtified
VANDERVORT'S MILLS Lacsyville, Ps.								
Vendervort'e Hog Ration	(2584)	22.69	20.00	5.25	4.50	5.48	7.00	As Certifiad
VITALITY MILLS, INC., Chicsgo, Ill.								
Vitality Brsnd 40% Hog Balencer	(3262)	38.44	40.00	2.81	3.00	5.24	8.00	As Csrtifisd
VITA-VIM MILLERS Buffelo, N. Y.								
Vita-Vim Pig & Hog Ration	(3195)	15.06	15.00	3.92	3.00	6.93	8.50	As Certified
WOODBURY MILLING CO. Woodbury, Ps.								
Eat Mor Pig & Hog Ration	(2555)	17.31	14.50	3.49	3.00	6.77	7.00	As Certifisd
Averags		23.26	----	4.32	----	6.11	----	
Proprietary Sheep & Gost Fead								
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Shsep snd Goat Feed	(2632)	18.56	16.00	4.04	3.50	6.22	7.50	As Certified
Sheep and Gost Fesd	(3236)	17.38	16.00	4.33	3.50	6.02	7.50	As Certifisd
Avsrsga		17.97	----	4.19	----	6.12	----	
PROPRIETARY CHOP FEEDS								
Chop Fsed								
R. S. ALTMAN Irwin, Pe.								
Altman's Specisl Chop	(3220)	11.31	9.00	2.10	3.00	7.96	10.00	As Certified
Altmsn's Spscisl Chop	(3304)	11.94	9.00	2.86	3.00	7.34	10.00	As Csrtified
DIETRICH & GAMBRILL INC., Lewisburg, Ps.								
Corn and Osts Chop	(2871)	12.38	10.00	3.78	4.00	5.82	9.00	As Certifisd
JOHN W. ESHELMAN & SON Lancsstsr, Ps.								
Red Ross Ground Corn & Osts	(3181)	10.88	10.00	3.87	4.00	5.65	9.00	As Csrtified
GENERAL MILLS INC., Minnespolis, Minn.								
Corn & Osts Chop	(3024)	9.88	10.00	3.60	4.00	7.10	7.00	As Certified
THE HERRMAN-MCLEAN CO. Cleveland, O.								
Sugsred Ohio Chop Fsed	(3104)	9.44	8.00	4.82	2.00	10.24	12.00	As Csrtifisd

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

200-4-40

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
LYCOMING MILLS Williamsport, Pa.								
Corn and Oats Chop	(2780)	10.69	9.00	3.91	4.00	6.07	7.00	As Certified
Average		10.93	----	3.56	----	7.17	----	
PROPRIETARY SCRATCH AND MASH FEEDS								
Scratch Feed								
ALLIED MILLS, INC., Chicago, Ill.								
Wayne Chick Feed	(2888)	11.81	9.00	3.96	2.00	2.04	4.00	As Certified
Wayne Intermediate Scratch Feed	(2889)	10.88	9.00	3.03	2.00	1.90	4.00	As Certified
Red Feather Scratch	(2890)	10.56	9.00	2.17	2.50	1.96	4.00	Ae Certified
R. S. ALTMAN Irwin, Pa.								
Altman's Scratch Feed	(2613)	10.56	8.00	3.45	2.00	2.63	3.00	As Certified
Altman's Scratch Feed	(2987)	10.00	8.00	2.25	2.00	2.31	3.00	As Certified
Altman's Scratch Feed	(3012)	10.56	8.00	2.41	2.00	2.39	3.00	As Certified
Altman's Medium Scratch Feed	(3204)	12.44	8.00	2.79	2.00	2.86	3.00	As Certified
Altman'e Medium Scretch Feed	(2619)	11.44	8.00	4.60	2.00	5.46	3.00	As Certified
Altman's Fine Chick Feed	(3202)	14.88	8.00	3.28	2.00	2.52	2.00	As Certified
ANDERSON GRAIN & FEED CO. York, Pa.								
Special Pigeon Feed	(3453)	14.44	12.00	3.95	3.00	3.69	7.00	As Certified
White Rose Scratch Grains	(2846)	12.13	9.00	2.40	2.50	2.70	5.00	As Certified
BEACON MILLING CO., INC., Cayuga, N. Y.								
Beacon Cayuga Scratch Feed	(3432)	13.00	9.00	4.77	2.00	2.71	5.00	As Certified
DIETRICH & GAMBRILL INC., Lewisburg, Pa.								
Gambrill's Scratch Feed	(2868)	10.75	9.00	2.67	2.50	2.83	4.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Scratch with Oats	(2644)	11.94	10.00	2.76	2.50	3.26	4.50	As Certified
Scratch Grains	(2645)	11.94	9.50	2.44	2.50	2.21	3.00	As Certified
JOHN W. ESHELMAN & SONS Lancaster, Pa.								
Lancaster Scratch Grains	(2850)	11.50	9.00	2.18	2.50	2.48	4.00	As Certified
Lancaster Pigeon Feed	(2854)	13.31	12.00	3.18	3.00	3.12	4.00	As Certified
Red Rose Chick Grains	(2855)	11.69	10.00	3.31	3.00	2.10	3.00	As Certified
Red Rose Chick Grains	(2751)	10.38	10.00	2.62	3.00	1.72	3.00	As Certified
Red Rose Intermediate Chick Grains	(2752)	10.69	9.00	3.26	3.00	2.12	3.00	As Certified
Red Rose Intermediate Chick Grains	(2852)	12.25	9.00	3.06	3.00	2.49	3.00	As Certified
Red Rose Intermediate Chick Grains	(3275)	11.94	9.00	4.41	3.00	1.84	3.00	As Certified
Red Rose Scratch Grains	(2753)	11.13	9.00	2.35	2.50	2.95	4.00	As Certified
Red Rose Scratch Grain	(2851)	12.44	9.00	2.34	2.50	2.33	4.00	As Certified
Red Rose Pigeon Feed	(2853)	13.63	12.00	2.89	3.00	3.27	4.00	As Certified
J. I. ESHLEMAN & SONS Greencastle, Pa.								
E.L.M. Hen Scratch	(2343)	11.63	9.50	3.27	2.50	3.02	5.00	As Certified
E.L.M. Hen Scratch	(2347)	10.94	9.50	2.85	2.50	2.86	5.00	As Certified
FARM BUREAU MILLING CO. Manheim, Pa.								
Super Coarse Scratch	(2725)	9.88	9.00	2.56	2.00	1.69	3.00	As Certified
Intermediate Scratch	(2726)	10.25	9.00	3.86	2.00	1.65	3.00	As Certified
Chick Scratch	(2727)	11.00	9.50	4.76	2.00	1.90	3.00	As Certified
Super Scratch with Oats	(2728)	10.31	9.00	2.12	2.00	2.79	3.00	As Certified
FLORY MILLING CO. Bangor, Pa.								
Flory Scratch Feed	(3423)	11.19	9.00	2.61	2.50	2.24	4.00	As Certified
GENERAL MILLS, INC. Minneapolis, Minn.								
Cambria Scratch Feed	(3380)	12.94	10.00	2.54	2.00	2.76	5.00	As Certified
HALES & HUNTER CO. Chicago, Ill.								
Morning Glory Fine Chick	(2821)	10.69	10.00	1.86	2.50	1.55	4.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Morning Glory Scratch Feed	(2820)	10.81	10.00	2.33	2.50	2.93	5.00	As Certified
Morning Glory Coarse Chick	(2819)	10.75	10.00	2.40	2.50	2.40	4.00	As Certified
Red Comb Scratch Feed	(2822)	10.94	10.00	1.96	2.50	2.35	5.00	As Certified
HARPER FEED MILLS, INC. Pittsburgh, Pa.								
Pure Whole Mixed Grain	(2937)	10.00	9.50	2.53	2.50	3.35	5.00	As Certified
LARROWE MILLING CO. Detroit, Mich.								
Larro Chick Grains	(3025)	11.06	10.00	3.41	2.00	1.84	4.00	As Certified
W. H. MANBECK & CO. Mifflin, Pa.								
Juniata Scratch Grains	(2696)	10.69	10.00	2.93	3.00	3.22	3.50	As Certified
MARION SUPPLY CO. Marion, Pa.								
Marion Poultry Food	(2396)	18.75	18.00	4.30	4.25	5.74	7.60	As Certified
MARITIME MILLING CO., INC. Buffalo, N. Y.								
Daisy Scratch Feed	(2834)	11.63	9.00	2.88	2.50	2.93	5.00	As Certified
MOSES BROTHERS CO., INC. Eaton, New York								
Moco Competitive Scratch Feed	(2900)	11.94	10.00	2.50	2.00	2.94	----	As Certified
Moco Intermediate Chick Grains	(2899)	10.56	10.00	3.05	3.00	2.88	5.00	As Certified
P. J. OESTERLING & SON Butler, Pa.								
Sunside Scratch Grains	(2928)	11.69	10.00	2.32	2.00	2.96	7.00	As Certified
PARK & POLLARD CO. Buffalo, N. Y.								
Hi-Valu Scratch Feed (Pellets)	(2882)	13.69	11.50	3.13	2.50	6.66	8.00	As Certified
Hi-Valu Scratch Pellets	(2650)	13.25	11.50	3.56	2.50	6.54	8.00	As Certified
Bidwell Scratch Feed	(2651)	11.25	10.00	2.87	1.50	2.70	5.00	As Certified
Chick Scratch	(2653)	10.44	10.00	2.67	2.00	1.53	3.00	As Certified
Intermediate Chick Feed	(2652)	11.38	10.00	3.21	2.00	2.19	3.50	As Certified
Red Ribbon Scratch Feed	(2885)	11.56	10.00	2.47	2.00	2.79	5.00	As Certified
PHILADELPHIA SEED CO. Philadelphia, Pa.								
Purgrain Pigeon Feed #1	(2847)	14.56	11.20	2.27	2.00	2.21	4.00	As Certified
Purgrain Pigeon Feed #2	(2814)	12.69	12.30	3.71	2.00	2.64	4.00	As Certified
Purgrain Pigeon Feed #3	(2848)	13.56	13.30	2.46	2.00	2.90	4.00	As Certified
Purgrain Pigeon Feed #4	(2815)	11.75	12.50	3.46	2.00	2.23	4.00	As Certified
Purgrain Squab Feed	(2849)	12.94	10.50	3.16	2.50	2.64	3.50	As Certified
PRATT FOOD CO., INC. Philadelphia, Pa.								
Pratt's Scratch Feed	(2831)	11.56	10.00	2.84	2.00	2.35	4.00	As Certified
Pratt's Chick Scratch Feed	(2832)	11.69	10.00	2.00	2.00	1.85	4.00	As Certified
THE QUAKER OATS CO. Chicago, Ill.								
Early Bird Fine Chick Feed	(2956)	10.13	10.00	2.70	2.00	1.73	2.00	As Certified
Early Bird Fine Chick Feed	(3232)	11.50	10.00	2.57	2.00	2.26	2.00	As Certified
Early Bird Scratch Grain	(3222)	11.88	9.50	2.70	2.00	3.06	3.50	As Certified
READING MILLING CO. Reading, Pa.								
Wertz's Scratch Feed, No Barley	(2783)	11.38	10.00	2.67	3.00	2.90	4.00	As Certified
Wertz Chick Grains	(2784)	11.38	9.00	2.56	3.00	1.92	3.00	As Certified
Wertz Intermediate Scratch	(2785)	11.25	10.00	2.85	3.00	2.11	4.00	As Certified
J. S. RILEY & CO. New Castle, Pa.								
Pioneer Scratch Feed	(3348)	10.81	10.00	2.61	1.00	2.23	4.00	As Certified
RUMBAUGH FEED STORE Saxonburg, Pa.								
Defense Scratch	(3358)	11.56	9.00	1.90	2.00	2.41	4.00	As Certified
PAUL O. SUNDAY Carlisle, Pa.								
Cumberland Scratch Grains	(3316)	11.00	10.00	2.68	4.00	2.49	4.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
UBIKO MILLING CO. Cincinnati, Ohio							
Ubiko Scratch Feed (No Grit) (3004)	11.56	9.00	3.31	3.00	2.79	5.00	As Certified
VITALITY MILLS, INC. Chicago, Ill.							
Vitality 60/40 Fine Chick Scratch (3267)	11.81	10.00	3.50	2.00	2.10	4.00	As Certified
Average	11.72	----	2.92	----	2.83	----	
Mash Feed							
ALLIED MILLS, INC. Chicago, Ill.							
Amco Super Starting & Growing Mash with Sardine Oil (3027)	19.44	18.00	4.27	3.50	5.06	7.00	As Certified
Amco Tip Top Mash (3026)	20.63	20.00	4.92	3.50	6.96	8.00	As Certified
Wayne Chick Starter (2739)	18.50	18.00	4.44	4.00	5.28	7.00	As Certified
Wayne Chick Starter (2891)	18.38	18.00	4.61	4.00	5.72	7.00	As Certified
Wayne Chick Starter (3332)	19.88	18.00	3.69	4.00	4.64	7.00	As Certified
Wayne Egg Mash with Fortified Sardine Oil (2740)	22.50	20.00	4.68	3.50	5.86	8.00	As Certified
Wayne Egg Mash with Fortified Sardine Oil (2896)	21.25	20.00	3.91	3.50	6.54	8.00	As Certified
Wayne Egg Mash with Fortified Sardine Oil (3377)	22.06	20.00	4.26	3.50	6.15	8.00	As Certified
Wayne Flushing Mash (2895)	23.06	20.00	4.04	3.00	4.65	6.00	As Certified
Wayne Flushing Mash (3328)	21.94	20.00	3.52	3.00	3.89	6.00	As Certified
Wayne Mash Concentrate (3362)	37.00	36.00	3.46	3.50	7.83	8.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (3331)	18.06	16.00	3.80	3.50	5.53	7.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (3359)	16.00	16.00	4.36	3.50	5.74	7.00	As Certified
Wayne Growing Mash with Fortified Sardine Oil (3375)	17.88	16.00	3.55	3.50	5.78	7.00	As Certified
Wayne Turkey Growing Mash with Fortified Sardine Oil (3376)	22.56	20.00	4.34	3.50	5.45	8.00	As Certified
R. S. ALTMAN Irwin, Pa.							
Altman's 32% Poultry Concentrate (3078)	33.63	32.00	4.32	4.50	6.44	8.00	As Certified
Buttermilk Growing Mash (3144)	23.88	19.00	3.60	4.00	5.85	9.00	As Certified
Altman's Buttermilk Starting and Broiler (3077)	20.00	17.00	3.72	4.00	4.58	8.00	As Certified
Altman's Buttermilk Starting and Broiler (3145)	22.50	17.00	4.56	4.00	6.07	8.00	As Certified
Altman's Buttermilk Starting and Broiler Mash (3201)	21.50	17.00	3.97	4.00	5.89	8.00	As Certified
Altman's Fattening Mash (3014)	17.44	15.00	5.65	4.50	5.32	6.00	As Certified
Altman's Fattening Mash (3208)	21.50	15.00	4.24	4.00	4.67	6.00	As Certified
Altman's Quality Egg Mash (2456)	22.63	20.00	4.30	4.00	7.01	9.00	As Certified
Altman's Quality Egg Mash (2609)	24.69	20.00	4.46	4.00	6.43	9.00	As Certified
Altman's Quality Egg Mash (2988)	20.31	20.00	4.40	4.00	6.29	9.00	As Certified
Altman's Quality Egg Mash (3083)	24.38	20.00	4.33	4.00	5.41	9.00	As Certified
Altman's Quality Egg Mash (3107)	21.06	20.00	3.60	4.00	6.04	9.00	As Certified
Altman's Quality Egg Mash (3212)	23.63	20.00	4.14	4.00	6.67	9.00	As Certified
Altman's Super "A" Egg Mash (2610)	26.63	24.00	4.80	4.50	6.28	8.00	As Certified
Altman's Super "A" Egg Mash (3013)	25.00	24.00	3.98	4.50	5.17	8.00	As Certified
Altman's Super "A" 20% Production Mash (2608)	22.69	20.00	4.54	4.00	6.25	9.00	As Certified
Altman's Super "A" 20% Production Mash (2990)	22.94	20.00	4.00	4.00	6.57	9.00	As Certified
Altman's Super "A" 20% Production Mash (3010)	21.69	20.00	3.78	4.00	5.90	9.00	As Certified
Altman's Super "A" 20% Production Mash (3079)	23.50	20.00	4.35	4.00	5.16	9.00	As Certified
Altman's Super "A" 20% Production Mash (3211)	23.75	20.00	4.29	4.00	6.00	9.00	As Certified
Altman's Super "A" 20% Production Mash (3309)	25.31	20.00	4.07	4.00	5.44	9.00	As Certified
Altman's Super "A" Yeast Egg Mash (3146)	26.75	24.00	4.19	4.50	5.49	8.00	As Certified
Altman's Super "A" Yeast Egg Mash (3210)	26.81	24.00	5.91	4.50	5.13	8.00	As Certified
Altman's Super "A" Yeast Egg Mash (3310)	23.56	24.00	4.88	4.50	5.47	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler Mash (2612)	23.31	19.00	4.61	4.00	5.85	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler (2989)	20.31	19.00	4.15	4.00	5.99	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler (2991)	20.06	19.00	4.26	4.00	5.50	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler (3080)	24.50	19.00	4.11	4.00	4.92	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler (3149)	22.88	19.00	4.63	4.00	8.53	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler Mash (3200)	23.56	19.00	3.82	4.00	4.24	8.00	As Certified
Altman's Super "A" Yeast Starter and Broiler (3308)	22.81	19.00	3.78	4.00	4.92	8.00	As Certified
Altman's Yeast Growing Mash (2611)	20.50	17.00	3.85	4.00	5.92	9.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Altman's Yeast Growing Mash	(2994)	19.88	19.00	4.08	4.00	6.19	9.00	As Certified
Altman's Yeast Growing Mash	(3015)	20.06	17.00	4.07	4.00	6.56	9.00	As Certified
Altman's Yeast Growing Mash	(3148)	21.88	19.00	4.11	4.00	8.44	9.00	As Certified
Altman's Yeast Growing Mash	(3209)	22.19	19.00	4.07	4.00	6.42	9.00	As Certified
Altman's Yeast Turkey Starter	(3207)	29.81	25.00	4.35	4.00	4.78	9.00	As Certified
ARCADY FARMS MILLING CO. Chicago, Ill.								
Beshet 20% Egg Mash	(3356)	25.31	20.00	3.86	4.00	7.69	10.00	As Certified
Sunkist 34% Poultry Concentrate	(3352)	35.81	34.00	3.36	3.50	6.47	8.00	As Certified
Sunkist Growing Mash	(3355)	20.50	16.00	4.47	4.00	7.20	9.00	As Certified
A. J. BALSHI Catawissa, Pa.								
Must Gro Growing Mash	(2482)	18.81	19.00	4.40	3.50	6.07	8.00	As Certified
Must Lay Egg Mash	(2481)	20.13	19.00	4.84	3.50	6.93	8.00	As Certified
Must Liv & Gro Starter & Grower	(2483)	19.00	19.00	4.57	3.50	5.95	8.00	As Certified
THE BEACON MILLING CO., INC. Cayuga, N. Y.								
Beacon Battery Broiler Feed	(2734)	24.88	22.00	4.41	4.00	4.82	6.00	As Certified
Beacon Broiler Feed	(3434)	26.44	24.00	5.18	4.00	6.09	7.00	As Certified
Beacon Complete Starting Ration	(2731)	24.81	23.00	5.71	4.00	5.08	6.50	As Certified
Beacon Duck Grower	(2730)	18.25	17.00	4.33	4.50	4.91	6.00	As Certified
Beacon 22 Egg Mash	(3433)	23.06	22.00	5.57	4.50	6.43	7.50	As Certified
Beacon "16" Growing Mash	(2732)	16.88	16.00	4.95	4.00	6.13	7.50	As Certified
Beacon "20" Laying Mash	(2733)	21.06	20.00	4.65	4.00	6.02	7.50	As Certified
Beacon Turkey Growing Mash	(2735)	21.81	20.00	4.76	4.00	5.89	7.00	As Certified
Beacon Turkey Growing Mash	(3435)	22.38	20.00	5.09	4.00	5.77	7.00	As Certified
Beacon Turkey Fitting Ration	(3436)	12.69	10.00	2.86	3.00	6.86	9.00	As Certified
F. M. BROWN'S SONS Birdsboro, Pa.								
Brown's 32% Mixing Supplement	(2801)	37.44	32.00	3.98	4.50	6.27	8.50	As Certified
Brown's Special Laying Mash	(2804)	21.94	20.00	3.56	4.00	5.00	7.00	As Certified
Condensed Milk Broiler Mash	(2809)	21.31	18.00	4.02	5.00	5.66	6.00	As Certified
Condensed Milk Laying Mash	(2808)	23.81	20.00	3.97	4.50	5.64	7.00	As Certified
Imperial Chick Starter	(2806)	20.63	18.50	4.91	4.00	5.79	6.50	As Certified
Imperial Laying Mash	(2807)	20.13	19.00	4.35	5.00	5.76	8.00	As Certified
BROWN & FASSETT Tunkhannock, Pa.								
B & F Chick Starting Mash	(3156)	13.88	14.50	4.38	4.00	3.98	6.00	As Certified
B & F Favorite Dry Mash	(3154)	19.81	18.00	4.57	5.00	5.53	9.00	As Certified
B & F Growing Mash	(3157)	16.50	17.50	4.75	4.50	4.98	6.50	As Certified
THE BUCKEYE CEREAL CO. Massillon, Ohio								
Prosperity Starting and Growing Mash	(3112)	19.88	16.00	3.67	3.00	6.42	8.00	As Certified
J. A. CADWALLADER Yerdley, Pa.								
Keystone Lay Mash	(3341)	20.63	16.00	3.75	3.50	4.90	5.00	As Certified
Keystone Pullet Feed	(3339)	16.69	16.00	3.00	3.50	4.62	5.00	As Certified
Keystone Starter & Broiler	(3340)	20.00	16.00	4.43	3.50	5.03	5.00	As Certified
CASTLE MILLING & PAPER CO. New Castle, Pa.								
Our Own Y-O Egg Mash	(2945)	21.75	20.00	4.73	4.00	5.62	8.00	As Certified
Our Own Y-O Growing Mash	(2947)	19.38	17.00	4.83	4.00	5.16	6.00	As Certified
Our Own Y-O Starting Mash	(2946)	17.50	16.00	4.92	5.00	5.08	6.00	As Certified
J. A. CLARK Shamokin, Pa.								
Clark's All Mash Laying Mash	(2532)	16.31	15.50	3.08	3.50	4.80	8.00	As Certified
Clark's Broiler Mash	(2527)	19.00	17.00	4.27	4.00	6.50	7.00	As Certified
Clark's Chick Starter	(2528)	17.44	17.00	3.83	4.00	6.60	6.50	As Certified
Clark's Growing Mash	(2526)	19.94	18.00	3.54	3.50	6.10	7.50	As Certified
Clark's Laying Mash	(2525)	20.13	20.00	3.78	3.50	6.88	7.50	As Certified
Clark's 32% Mash Supplement	(2536)	33.50	32.00	3.69	3.50	8.05	8.00	As Certified
CONNEAUT LAKE ROLLER MILLS Conneaut Lake, Pa.								
Earned's Egg Mash	(3074)	18.75	18.00	3.69	4.00	7.76	10.00	As Certified
COOPERATIVE G. L. F. MILLS, INC. Buffalo, N. Y.								
Broiler Mash	(2570)	19.94	20.00	4.13	3.50	6.13	6.50	As Certified
Green Pasture Growing Mash	(2494)	20.38	17.50	4.18	3.50	6.14	7.50	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Grssn Pasture Growing Mash	(2574)	20.00	17.50	4.30	3.50	6.34	7.50	As Certified
Laying Mash	(2496)	21.44	20.00	4.30	4.00	6.01	7.00	As Certified
Laying Mash	(3167)	20.25	20.00	3.35	3.50	6.43	7.00	As Csrtified
Starting & Growing Mash	(2495)	21.44	20.00	4.61	3.30	6.12	6.50	As Csrtified
Starting & Growing Mash	(2569)	19.44	20.00	4.47	3.50	5.92	6.50	As Certified
Starting & Growing Mash	(3165)	18.69	20.00	3.24	3.50	5.73	6.50	As Certifisd
Super Laying Mash	(2563)	19.38	19.50	3.95	3.50	5.44	7.00	As Certifisd
COOPERATIVE MILLS, INC. Baltimore, Md.								
Laying Mash with Alfalfa Meal	(3133)	21.00	20.00	3.60	4.00	4.71	7.00	As Certified
Starting & Growing Mash	(3134)	20.69	20.00	3.61	4.00	5.29	6.50	As Certified
Super Laying & Brssding Mash	(3131)	21.56	20.00	3.77	4.00	5.82	7.00	Ae Csrtified
Super Laying Mash with Alfalfa	(3393)	24.63	20.00	4.17	4.00	5.88	7.00	As Certified
Turkey Growing Mash	(3369)	21.94	20.00	3.84	4.00	5.97	7.00	Ae Certifisd
G. E. CONKEY CO. Cleveland, Ohio								
Conkeys Rsd Seal Growing Maeh	(2744)	18.88	18.00	3.95	3.50	4.57	7.00	As Certified
Conkeys Red Seal Growing Mash	(3281)	19.13	18.00	4.44	3.50	5.07	7.00	As Certified
Conkeys Red Ssal Laying Mash	(2742)	20.88	20.00	4.49	3.50	5.96	8.00	As Csrtified
Conkeys Y-O All Mash Chick Ration	(2745)	17.19	16.00	4.35	4.00	4.67	7.00	As Certified
Conkeys Y-O Egg Mash	(2746)	21.33	20.00	5.05	4.00	5.83	8.00	As Certified
Conkeys Y-O Brand Egg Mash	(3280)	20.19	20.00	4.88	4.00	5.78	8.00	As Certified
Conkeys Y-O Brand Growing Mash	(3278)	18.00	18.00	4.57	4.00	3.39	7.00	As Certified
Conkeys Y-O Brand Growing Mash	(2743)	19.63	18.00	5.07	4.00	6.11	7.00	As Certified
Conkeys Y-O Brand (the original) Starting Mash	(2999)	19.19	18.00	5.02	4.00	5.45	7.00	As Certified
Conkeys Y-O Brand Turkey Developer	(2748)	22.06	20.00	5.32	4.50	6.76	8.00	As Certified
Conkeys Y-O Brand Turkey Starting and Growing Mash	(2747)	27.69	26.00	5.71	4.00	5.89	7.00	As Certified
Conkeys Y-O Brand Turkey Starting and Growing Mash	(3279)	28.25	26.00	5.68	4.00	5.73	7.00	As Certified
Conkeys Y-O Brand 32% Supplement Mash	(3282)	33.56	32.00	5.51	4.00	6.19	8.00	As Certifisd
COVE ROLLER MILLS Warfordsburg, Pa.								
Sunbeam Egg Mash	(2410)	19.75	20.00	4.58	4.50	5.85	7.00	As Certified
CUMBERLAND VALLEY COOPERATIVE ASSN. Shippensburg, Pa.								
Cee Vee Lay Mash	(2390)	17.25	16.00	3.69	4.00	8.69	9.00	As Certified
Old Reliable Vitamin Frssh Egg Maeh	(2382)	18.63	18.00	4.01	4.00	6.33	6.50	As Csrtified
DANVILLE MILLING CO. Danville, Pa.								
Denville Laying Mash	(2963)	17.00	17.00	3.95	4.00	5.66	7.00	As Certified
DARLINGTON MILLING CO. Darlington, Pa.								
Darmico Egg	(2958)	18.38	19.00	4.75	4.50	5.09	6.50	As Certified
Darmico Starter	(2960)	20.63	17.00	5.13	4.50	6.76	8.00	As Csrtified
DEWALDS MILLS Bloomsburg, Pa.								
Blue Ribbon All Mash Startsr and Grower	(2487)	15.56	16.00	4.72	4.25	4.71	6.00	As Certified
Blue Ribbon Laying Mash	(2488)	17.13	16.00	4.80	4.00	6.38	7.00	As Certified
Blue Ribbon 18% Laying Mash	(2486)	16.94	18.00	4.99	4.00	6.49	7.50	As Certified
DIAMOND MILLING CO. New Brighton, Pa.								
Diamond Growing Mash	(3017)	21.50	18.00	4.10	3.00	7.97	8.00	As Certifisd
Diamond Laying Mash	(3018)	23.38	20.00	4.20	4.00	6.86	6.50	As Certifisd
DIETRICH & GAMBRILL, INC. Lewisburg, Pa.								
D & G All Mash Layer	(2424)	18.56	15.00	5.16	3.50	6.25	8.00	As Certifisd
D & G All Mash Startsr	(2870)	16.94	16.00	4.48	4.00	4.32	6.00	Ae Certified
Gambrill's Laying Mash	(2425)	20.69	20.00	4.64	4.00	5.85	8.00	As Certified
Gambrill's Laying Mash	(2866)	20.56	20.00	4.51	4.00	5.74	8.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Eastsrn States All-Mash Dsveloper	(2635)	18.00	15.00	4.55	3.75	5.69	6.00	As Certified
Eastern States All-Mash Developsr	(3242)	16.94	15.00	2.99	3.75	5.42	6.00	As Certified
Eastern States All-Mash Egg	(2636)	17.81	15.50	4.75	4.00	4.94	5.50	As Certified
Eastern Statss All-Mash Egg	(3245)	17.50	15.50	2.56	3.50	4.43	5.50	As Certified
Eastern States Breedsr Mash	(2637)	22.56	20.00	4.94	4.00	5.07	6.00	As Certifisd
Eastern States Breeder Mash	(2944)	21.00	20.00	4.98	3.50	5.50	6.00	As Csrtified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guer.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Eestern Statee Breeder Mesh	(3235)	21.19	20.00	4.77	3.50	4.96	6.00	As Certified
Eestern States Developer	(2638)	20.81	18.50	4.85	3.75	6.40	7.00	As Certified
Eestern Stetee Developer	(3248)	20.19	18.50	3.69	3.75	5.45	7.00	Ae Certified
Eestern Stetes Egg Meeh	(2639)	20.31	20.00	4.99	4.00	6.16	6.50	As Certified
Eeetern Stetes Egg Meeh	(3252)	20.63	20.00	3.75	3.50	5.56	6.50	As Certified
Eeetern Stetes Finishing Meeh	(2640)	18.31	15.00	4.66	3.50	5.85	5.50	Ae Certified
Eeetern Stetes Finishing Mash	(2939)	17.25	15.00	4.66	3.50	5.29	5.50	Ae Certified
Eeetern Stetes Finishing Maeh	(3251)	17.13	15.00	2.61	3.50	5.22	5.50	As Certified
Eeetern States Fluehing	(2641)	20.25	18.50	4.15	3.50	3.34	3.50	As Certified
Eestern Stetee Flushing	(3243)	24.13	18.50	3.45	3.00	3.99	3.50	Ae Certified
Eestern Stetee Hen Supplement	(3246)	33.88	30.00	5.41	4.50	4.74	5.50	As Certified
Eeetern Stetes Starter & Broiler	(2643)	21.31	18.50	5.02	4.00	5.11	6.00	As Certified
Eeetern Stetee Sterter ¼ Broiler	(3253)	20.31	18.50	3.24	3.50	4.94	6.00	As Certified
Eeetern Stetee 32% Supplement Feed	(2624)	34.88	32.00	6.02	5.00	7.89	8.50	Ae Certified
Eestern States 32% Supplement Feed	(3250)	33.75	32.00	5.33	5.00	7.84	8.50	Ae Certified
Turkey Breeder	(2646)	23.75	24.00	5.11	4.00	5.47	5.50	Ae Certified
Turkey Grower	(2628)	21.94	20.00	4.44	3.50	5.65	6.00	Ae Certified
Turkey Stert	(2642)	28.25	25.00	5.16	4.00	6.10	6.00	As Certified
J. I. ESHLEMAN & SONS Greenceetle, Pe.								
E.L.M. Egg Meeh 18%	(2339)	19.75	18.00	4.76	4.00	6.70	8.00	As Certified
E.L.M. Speciel Egg Mash 20%	(2337)	21.63	20.00	4.64	4.00	6.91	8.00	Ae Certified
JOHN W. ESHELMAN & SONS Lencester, Pa.								
Eshelman Maintenence 20% Laying Maeh with A & D Oil	(3269)	21.44	20.00	4.35	4.50	7.04	8.00	Ae Certified
Eehelman Penney Leying Mesh	(3182)	20.31	18.00	4.08	4.50	6.45	8.00	Ae Certified
Red Rose All Mash Sterter & Grower with A & D Oil	(2438)	19.63	16.00	5.65	4.00	6.45	7.00	As Certified
Red Rose Growing Mesh with A & D Oil	(2857)	19.19	16.00	4.33	4.00	6.62	7.50	Ae Certified
Red Rose Leying Meeh with A & D Oil	(2439)	21.06	20.00	5.07	3.00	6.15	7.50	As Certified
Red Roee Leying Meeh with A & D Oil	(2750)	22.81	20.00	4.40	5.00	6.41	7.50	As Certified
FARM BUREAU MILLING CO. Menheim, Pe.								
Economy Leying Mesh	(2716)	22.00	20.00	4.20	3.50	5.68	7.50	As Certified
Flushing Meeh	(2719)	16.56	11.00	2.97	2.00	3.17	5.00	Ae Certified
Growing Maeh	(2718)	18.81	17.50	3.44	3.00	6.21	7.50	Ae Certified
Mermaeh 18%	(2713)	17.81	18.00	4.12	3.50	5.99	7.00	Ae Certified
Mermaeh 16%	(2712)	17.88	16.00	4.21	3.50	5.66	7.00	As Certified
Sterting end Growing Meeh	(2717)	19.44	17.50	3.86	3.00	5.51	7.00	As Certified
Steer Supplement	(2724)	35.75	33.00	4.34	3.00	6.36	9.00	As Certified
Super Egg Maker & Breeder	(2715)	20.94	19.50	3.62	3.50	4.90	7.00	Ae Certified
Turkey Sterting Mash	(2729)	23.94	24.00	4.98	3.00	5.69	7.50	As Certified
FARMERS UNION COOPERATIVE Greencestle, Pe.								
Leying Meeh	(2407)	17.69	20.75	4.75	5.68	5.65	7.00	Ae Certified
FLORY MILLING CO. Bangor, Pe.								
Flory Broiler Mesh	(3418)	21.88	18.00	4.44	4.00	6.39	7.50	As Certified
Flory 18% Growing Mesh	(3045)	19.88	18.00	4.19	4.00	6.99	7.50	Ae Certified
Flory Laying Mesh	(3044)	21.19	20.00	3.65	4.00	8.34	7.50	As Certified
Flory Leying Mash	(3416)	22.56	20.00	3.68	4.00	7.89	7.50	Ae Certified
Flory Sterter Mash	(3046)	21.00	18.00	4.25	4.00	6.27	7.00	Ae Certified
Flory Starter Meeh	(3415)	20.13	18.00	3.72	4.00	6.70	7.00	Ae Certified
Flory 32% Supplement Meeh	(3421)	33.38	32.00	4.56	4.00	7.06	7.50	As Certified
FLORY BROTHERS Lenceeter, Pe.								
Flory'e Leying Meeh	(2620)	19.44	20.38	4.30	5.17	5.81	5.41	As Certified
FRANKLIN MILLING CO. Middleburg, Pe.								
Just Right Combined Starting & Growing Mesh	(2978)	16.81	18.00	3.60	3.50	3.77	6.00	Ae Certified
Franklin Leying Meeh	(2977)	17.25	19.00	4.00	5.00	6.61	8.00	As Certified
GENERAL MILLS, INC. Minneapolie, Minn.								
Chellenge Egg Maeh	(3020)	19.44	20.00	3.70	4.00	8.76	8.00	As Certified
Chellenge Egg Mesh	(3382)	20.88	20.00	4.08	4.00	6.91	8.00	As Certified
Ferm Service Growing Maeh	(3163)	20.56	19.00	4.10	3.50	6.89	7.50	Ae Certified
Ferm Service Leying Maeh	(3121)	22.00	20.00	4.37	3.50	6.33	7.50	As Certified
Ferm Service Leying Mash	(3160)	21.75	20.00	4.07	3.50	6.41	7.50	Ae Certified
M. B. GLICK Richfield, Pe.								
Glick's Golden Laying Meeh	(2683)	18.19	19.00	4.30	5.00	5.41	8.00	Ae Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
JAS. A. GOSS Lewistown, Pa.							
Mt. Rock Laying Mash (2436)	19.56	18.00	4.29	4.00	5.16	5.50	As Certified
THE GREAT ATLANTIC & PACIFIC TEA CO. New York, N. Y.							
Daily Egg Laying Mash Feed (3368)	21.81	20.00	3.25	3.75	5.22	7.00	As Certified
Daily Growth Chick Starter (3366)	20.13	17.00	3.62	4.50	5.50	5.00	Ae Certified
Daily Growth Growing Mash (3367)	20.06	17.50	4.24	3.50	5.50	7.00	As Certified
Daily Growth Poultry Fattener (3364)	15.50	14.00	3.63	4.00	4.25	5.00	As Certified
HALES & HUNTER CO. Chicago, Ill.							
Cackle Egg Mash (2827)	20.31	22.00	3.45	3.50	5.72	8.00	Ae Certified
Red Comb Chick Starter (2824)	18.56	18.00	3.59	3.50	4.54	6.00	Ae Certified
Red Comb Egg Mash Pellets (2828)	20.19	18.00	4.01	3.50	5.32	7.00	As Certified
Red Comb Growing Mash (2825)	16.13	16.00	3.43	3.50	5.22	7.00	As Certified
Red Comb Growing Mash Pellets (2829)	17.50	16.00	4.39	3.50	6.09	7.00	As Certified
HANEY-FRAZIER MILLING CO. Danville, Pa.							
Henola Laying Mash (2961)	19.06	17.00	4.29	3.00	8.59	9.00	As Certified
Just Right Chick Starter (2962)	17.69	16.00	4.51	5.00	6.36	6.00	As Certified
HARPER FEED MILLS, INC. Pittsburgh, Pa.							
Chicken Dinner Starting & Growing Mash (2935)	19.06	18.00	3.61	4.00	5.92	8.00	As Certified
Harco Broiler Mash (2933)	20.63	18.00	3.33	4.00	6.21	7.00	As Certified
Harco Laying Mash (2936)	22.06	20.00	3.27	4.50	5.20	6.50	As Certified
Harco Starting Mash (2934)	18.25	18.00	2.77	4.00	4.81	7.00	As Certified
HEFTY MILLING CO. Allenwood, Pa.							
Hefty's Laying Mash (2974)	19.25	18.00	4.55	4.00	5.46	7.00	As Certified
Hefty's Starting & Growing Mash (2973)	17.25	17.00	4.07	4.00	5.33	6.50	As Certified
EUGENE HELWIG & BROTHER Catawissa, Pa.							
Helwig's Blue Ribbon Chick Starter (2480)	18.19	17.00	4.33	4.00	5.79	6.00	As Certified
Helwig's Blue Ribbon Egg Mash (2478)	19.44	18.00	4.28	4.00	5.69	6.00	As Certified
Helwig's Blue Ribbon Growing Mash (2479)	17.94	16.00	4.34	4.00	5.65	6.00	As Certified
A. J. HERBSTER Laurelton, Pa.							
Herbster's Better Laying Mash (2982)	18.44	18.00	4.36	4.00	6.42	6.00	As Certified
THE HERRMAN-MCLEAN CO. Cleveland, Ohio							
Ohio Starting and Growing All Mash (3105)	20.13	18.00	4.86	4.00	6.90	7.00	As Certified
J. F. HOGSETT & SON Uniontown, Pa.							
Hogsett's Growing Mash (3124)	21.00	16.00	4.47	4.00	6.14	7.00	As Certified
Hogsett's Laying Mash (3125)	18.13	20.00	4.09	4.00	5.71	7.00	As Certified
HUBBARD MILLING CO. Ambridge, Pa.							
Hubbard's Sunshine Concentrate with C.L.O (2444)	32.38	32.00	5.29	4.50	5.80	7.00	As Certified
HUNTSINGER'S MILL Hegins, Pa.							
18% Quality Egg Mash (2509)	19.56	18.00	4.56	4.50	5.83	7.00	As Certified
20% Quality Egg Mash (2502)	21.25	20.00	3.87	4.00	5.51	6.50	As Certified
20% Quality Egg Mash (2506)	22.00	20.00	4.69	4.00	5.82	6.50	As Certified
20% Quality Egg Mash (2508)	20.63	20.00	4.38	4.00	5.73	6.50	As Certified
20% Quality Egg Mash (2511)	20.44	20.00	4.85	4.00	5.85	6.50	As Certified
Quality Growing Mash (2510)	18.56	18.00	4.11	4.00	5.71	7.00	As Certified
Quality Laying Mash (2505)	20.94	20.00	4.52	4.00	5.54	7.50	As Certified
Quality Starting Mash (2507)	19.06	18.00	3.98	4.00	5.56	6.00	As Certified
JOHNSONS FEED MILL Kresgeville, Pa.							
Johnsons Growing Mash 16% (3343)	17.31	16.00	4.08	4.00	5.07	8.00	As Certified
Johnsons Laying Mash 20% (3344)	20.50	20.00	4.51	4.00	5.93	8.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
KASCO MILLS INC. Toledo, Ohio								
Apex Egg Mash	(2408)	17.44	18.00	3.84	3.50	5.70	8.00	As Certified
Kasco Egg Producer	(3151)	20.13	20.00	4.60	4.00	7.57	7.50	As Certified
W. RUSSELL KENDALL Webster Mills, Pa.								
Kendall's Egg Mash	(2416)	19.26	18.75	4.55	4.00	6.07	7.00	As Certified
Kendall's Starter & Grower	(2418)	19.13	18.00	4.69	3.75	5.56	8.00	As Certified
J. J. KENNEDY & SONS Zelienople, Pa.								
Kennedy's Egg Mash	(3357)	20.56	17.00	3.85	4.00	6.88	7.50	As Certified
F. B. KERN Catawissa, Pa.								
Kernie's All-Mash Laying Mash	(2468)	15.06	15.00	4.25	3.50	6.36	8.00	As Certified
Kernie's Chick Starter	(2473)	16.56	15.00	4.50	4.50	5.94	6.00	As Certified
Kernie's Growing Mash	(2472)	18.69	18.00	4.35	4.50	5.54	7.00	As Certified
Kernie's 18% Laying Mash	(2471)	18.94	18.00	4.50	4.00	6.66	8.00	As Certified
Kernie's 20% Laying Mash	(2467)	20.38	20.00	4.53	4.50	6.44	7.00	As Certified
Kernie's 32% Poultry Supplement	(2470)	34.38	32.00	4.42	2.50	5.19	8.00	As Certified
KEYSTONE FEED & FARM PRODUCTS CORP. Connellsville, Pa.								
Keystone Yeast Starter Mash	(3128)	18.94	17.00	3.42	3.00	6.51	9.00	As Certified
Red Star Egg Mash	(3127)	18.50	17.00	4.12	3.00	4.26	9.00	As Certified
KINTNER MILLING CO. Mehoopany, Pa.								
Kmco Laying Mash	(2762)	21.06	20.00	4.66	4.00	7.00	7.00	As Certified
Kmco Starting & Growing Mash	(2761)	22.25	17.50	4.97	4.00	5.98	6.00	As Certified
Kmco Super Laying & Breeding Mash	(2764)	19.88	19.50	4.08	4.00	6.34	7.00	As Certified
S. C. KRIEBEL West Point, Pa.								
West Point Growing Mash	(3338)	20.13	21.00	5.00	4.00	6.38	8.00	As Certified
West Point Hen Mash	(3337)	22.44	21.00	5.07	4.00	5.27	8.00	As Certified
LARROWE MILLING CO. Detroit, Mich.								
Larro Broiler Feed	(3122)	21.50	20.00	4.24	3.50	6.22	7.00	As Certified
Larro Chick Builder	(3021)	19.31	19.00	3.63	4.00	6.16	7.00	As Certified
Larro Chick Builder	(2873)	22.50	19.00	4.14	4.00	6.82	7.00	As Certified
Larro Chick Builder	(3123)	19.69	19.00	4.29	4.00	6.48	7.00	As Certified
Larro Chick Builder	(3289)	20.81	19.00	3.70	4.00	6.69	7.00	As Certified
Larro Egg Mash	(2875)	20.75	20.00	4.31	4.00	6.27	8.00	As Certified
Larro Egg Mash	(2915)	20.81	20.00	4.40	4.00	7.81	8.00	As Certified
Larro Egg Mash	(3161)	20.94	20.00	4.14	4.00	6.01	8.00	As Certified
Larro Egg Mash	(3290)	21.63	20.00	3.27	4.00	5.69	6.00	As Certified
Larro Growing Mash	(3023)	11.63	10.00	4.09	2.00	2.05	4.00	As Certified
Larro Mash Concentrate	(2400)	34.69	32.00	5.38	4.50	6.89	7.50	As Certified
Larro Turkey Builder	(3022)	27.94	24.00	4.69	4.50	6.57	6.50	As Certified
J. R. LAWTON Millville, Pa.								
Iola Mills Laying Mash	(2490)	16.94	16.00	4.90	4.00	6.25	8.00	As Certified
Iola Mills Starting & Growing Mash	(2491)	20.50	18.00	4.80	3.00	6.80	8.00	As Certified
LYCOMING MILLS Williamsport, Pa.								
Lycoming Growing Mash	(2776)	16.56	18.00	3.93	4.00	5.91	8.00	As Certified
Lycoming Laying Mash	(2773)	20.69	19.00	4.16	4.50	5.69	8.00	As Certified
McComb'e Growing Mash	(2779)	17.56	18.00	4.15	4.50	6.71	8.00	As Certified
McComb's Laying Mash	(2778)	17.31	18.00	3.66	4.50	5.69	8.00	As Certified
McComb's Starter Mash	(2777)	17.69	18.00	3.82	4.50	5.80	8.00	As Certified
W. H. MANBECK & CO. Mifflin, Pa.								
Juniata Dairy Supplement	(2694)	35.38	32.00	2.96	2.30	6.95	7.00	As Certified
Juniata Chick Mash	(2693)	21.06	20.00	4.53	4.00	6.07	6.30	As Certified
Juniata Growing Mash	(2691)	16.81	16.30	4.09	3.80	5.27	6.00	As Certified
MARION SUPPLY CO. Marion, Pa.								
Marion Egg Maker	(2395)	20.56	20.00	3.77	4.50	5.71	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
MARITIME MILLING CO., INC. Buffalo, N. Y.								
B-B 18% Broiler Ration	(3185)	20.81	18.00	3.61	4.00	7.18	7.00	As Certified
B-B Bull Brand Dry & Fresh Cow Fitting Ration	(2380)	16.06	13.00	3.76	3.75	9.05	9.00	As Certified
B-B Complete Chick Starter Ration	(2604)	20.19	20.00	4.78	4.00	6.23	7.00	As Certified
B-B Complete Chick Starter Ration	(3175)	22.94	20.00	4.20	4.00	6.56	7.00	As Certified
B-B Complete Chick Starter Ration	(3189)	21.13	20.00	3.61	4.00	6.74	7.00	As Certified
B-B Developing Feed	(2835)	12.50	10.00	2.97	2.00	2.74	5.00	As Certified
Doller Maker Egg Mash	(2524)	18.94	19.00	3.51	3.50	9.00	8.00	As Certified
B-B Egg Mash	(2374)	20.00	20.00	4.07	3.50	8.02	9.00	As Certified
B-B Egg Mash	(2839)	20.38	20.00	4.24	3.50	8.30	9.00	As Certified
B-B Egg Mash	(3172)	20.44	20.00	3.73	3.50	8.31	9.00	As Certified
B-B Egg Mash	(3187)	21.19	20.00	3.43	3.50	8.49	9.00	As Certified
B-B Flushing & Conditioning Mash	(2605)	15.25	14.00	4.31	2.50	4.41	4.00	As Certified
B-B Flushing & Conditioning Mash	(3186)	16.44	14.00	3.51	2.50	4.62	4.00	As Certified
B-B Growing Mash	(2376)	20.13	15.00	4.71	4.00	6.78	8.00	As Certified
B-B Growing Mash	(3188)	20.31	17.00	3.60	4.00	6.07	8.00	As Certified
B-B Layer & Breeder Mash	(2602)	20.44	20.00	3.84	4.00	6.61	7.00	As Certified
B-B Mash Concentrate	(2377)	34.13	34.00	4.33	4.00	6.20	7.00	As Certified
B-B Starter & Growing Ration	(2523)	20.13	17.00	4.50	4.00	6.88	7.00	As Certified
B-B Starter & Growing Ration	(2603)	21.75	17.00	4.16	4.00	6.68	7.00	As Certified
Daisy Growing Mash	(2521)	19.56	17.00	3.98	3.50	8.72	8.00	As Certified
Daisy Growing Mash	(3174)	20.06	17.00	3.49	3.50	7.70	8.00	As Certified
MAUSER & CRESSMAN Catasauqua, Pa.								
Laying Mash	(3033)	20.13	16.00	4.33	4.00	4.48	9.00	As Certified
Poultry Mash for Baby Chicks	(3034)	15.94	14.00	3.33	3.50	5.05	5.00	As Certified
MAUSER MILL CO. Palmerton, Pa.								
Mauser's Chick Starter	(3439)	19.56	17.00	4.64	4.00	5.74	6.00	As Certified
Mauser's Growing Mash	(3441)	18.81	18.00	4.22	4.00	2.57	6.50	As Certified
Mauser's Hen Food	(3438)	13.31	9.00	2.80	2.00	3.01	4.00	As Certified
Mauser's Egg Mash	(3036)	20.25	20.00	4.40	4.00	6.01	8.00	As Certified
Mauser's Egg Mash	(3440)	20.19	20.00	4.79	4.00	7.50	8.00	As Certified
MCMILLEN FEED MILLS Fort Wayne, Ind.								
Master Mix Blending Feed	(2541)	32.50	30.00	3.43	1.00	8.18	8.00	As Certified
Master Mix 32% Chick Concentrate	(2545)	34.75	32.00	3.86	4.00	5.95	8.00	As Certified
Master Mix 32% Chick Concentrate	(3293)	35.19	32.00	2.63	3.50	6.11	8.00	As Certified
Master Mix Egg Mash	(3089)	20.69	19.00	4.11	3.50	6.61	7.00	As Certified
Master Mix 34% Mash Concentrate	(2546)	36.69	34.00	4.33	3.50	5.79	8.00	As Certified
Master Mix 34% Mash Concentrate	(3292)	35.06	34.00	3.18	3.50	6.07	8.00	As Certified
Master Mixing Feed	(3291)	28.50	24.00	2.16	2.00	6.72	8.00	As Certified
MECHANICSBURG MILLING CO. Mechanicsburg, Pa.								
Brandt's O. K. Growing Mash	(3086)	20.13	16.00	3.62	4.00	6.02	7.00	As Certified
Brandt's O. K. Laying Mash	(3085)	18.81	18.00	2.91	4.00	6.56	8.00	As Certified
Brandt's Starting Mash	(3087)	20.06	18.00	4.00	4.00	6.43	7.50	As Certified
MEYERS BROTHERS Watsontown, Pa.								
Satin Laying Mash	(2967)	17.69	18.00	4.24	4.00	5.57	7.00	As Certified
Satin Starter & Grower	(2971)	18.38	16.00	3.80	4.00	5.55	8.00	As Certified
MOSES BROTHERS CO., INC. Eaton, N. Y.								
Moco Perfection Laying Mash	(2897)	20.88	19.00	4.50	4.00	6.76	7.00	As Certified
Moco Perfection Starting & Growing Mash	(2898)	20.50	18.00	4.59	4.00	6.62	7.00	As Certified
P. J. OESTERLING & SON Butler, Pa.								
Oesterling's Cash & Carry Egg Mash	(2927)	23.25	20.00	3.16	3.00	7.74	8.00	As Certified
Our Quality Egg Mash	(2932)	22.19	20.00	3.88	3.00	7.55	0.00	As Certified
Sunside Chick Starter	(2929)	21.25	18.00	3.70	3.00	2.19	7.00	As Certified
PAOLI COAL AND SUPPLY CO. Atglen, Pa.								
Grow-Rite Growing Mash	(2661)	18.25	18.00	4.65	4.00	6.62	6.00	As Certified
Laymore Egg Mash	(2660)	20.13	20.00	4.55	4.50	6.72	6.50	As Certified
Pioneer Egg Mash	(2659)	18.94	18.00	4.70	4.00	6.86	8.00	As Certified
Pioneer Starter & Grower Mash	(2662)	18.50	17.00	4.66	4.00	6.79	7.00	As Certified
Start-Rite Chick Starter	(2663)	19.19	19.00	4.85	4.00	6.00	6.00	As Certified
PARK & POLLARD CO. Buffalo, N. Y.								
All Mash Growing Mash	(2878)	19.56	14.50	3.23	3.00	6.08	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Lay or Bust Dry Mash	(2647)	21.69	20.00	3.65	3.00	7.46	7.00	As Certified
Lay or Bust Dry Mash	(2757)	20.56	20.00	3.24	3.00	6.72	7.00	As Certified
Lay or Bust Dry Mash	(2677)	22.56	20.00	3.54	3.00	6.50	7.00	As Certified
Manamar Life Cycle Mash	(2649)	17.06	16.00	3.92	3.50	7.44	7.00	As Certified
Manamar Life Cycle Mash	(2683)	18.44	16.00	3.25	3.50	7.44	7.00	As Certified
Park & Pollard Chick Starter	(2687)	20.44	17.00	3.88	3.50	5.25	6.00	As Certified
Park & Pollard Growing Feed	(2648)	19.44	16.00	3.59	3.00	7.32	7.00	As Certified
Park & Pollard Growing Feed	(2686)	18.75	16.00	3.77	3.00	6.83	7.00	As Certified
Park & Pollard Layer & Breeder Pellets	(2657)	17.56	20.00	3.91	3.00	6.59	6.50	As Certified
Starter & Broiler Mash	(2607)	22.63	18.00	4.26	3.50	6.19	6.00	As Certified
PETERSBURG MILLING CO. Bessemer, Pa.								
Pemico Local Mix Egg Mash	(3390)	20.00	19.00	3.36	4.00	6.00	7.00	As Certified
Pemico Local Mix Starter & Grower	(3389)	16.88	16.00	3.79	4.00	5.45	6.00	As Certified
PINE RUN FARM SUPPLY Doylestown, Pa.								
Pine Run Egg Mash	(2675)	22.06	20.00	4.92	4.50	6.71	7.00	As Certified
Pine Run Starting & Growing Mash	(2676)	19.00	17.50	4.46	4.50	6.37	6.50	As Certified
PRATT FOOD CO., INC. Philedelphia, Pa.								
Utility Growing Mash	(2837)	16.81	16.00	4.43	3.50	7.25	8.00	As Certified
Utility Laying Mash	(2836)	23.00	20.00	4.08	3.50	6.63	8.00	As Certified
Pratts Broiler Mash	(2842)	21.50	19.50	3.53	4.00	4.96	7.00	As Certified
Pratts Chick Starter	(2736)	20.44	18.00	4.95	3.50	5.16	6.00	As Certified
Pratts Starter & Grower	(2841)	20.25	17.00	3.41	3.50	5.17	6.50	As Certified
PRESTONS INC. Canton, Pa.								
Prestons Egg Producer	(2771)	20.38	19.00	4.69	5.00	6.42	10.00	As Certified
Prestons Superior Milk Mash	(2769)	20.75	19.40	4.39	4.00	4.41	7.00	As Certified
Prestons Starting & Growing Mash	(2767)	18.25	17.00	4.13	4.50	4.84	8.00	As Certified
THE QUAKER OATS CO. Chicago, Ill.								
Ful-O-Pep Chick Starter	(2332)	18.69	17.00	6.05	4.50	5.62	7.00	As Certified
Ful-O-Pep Chick Starter	(2914)	18.06	17.00	5.59	4.50	6.99	7.00	As Certified
Ful-O-Pep Chick Starter	(3227)	17.94	17.00	5.79	4.50	5.39	7.00	As Certified
Ful-O-Pep Egg Breeder Mash	(3233)	20.88	20.00	5.26	4.50	6.01	8.00	As Certified
Ful-O-Pep Growing Mash	(2331)	20.06	19.00	6.26	5.00	5.67	7.00	As Certified
Ful-O-Pep Growing Mash	(2921)	19.69	19.00	5.63	4.50	5.40	7.00	As Certified
Ful-O-Pep Growing Mash	(3229)	19.56	19.00	6.22	4.50	6.10	7.00	As Certified
Ful-O-Pep Laying Mash	(2329)	21.38	20.00	5.88	4.50	7.55	8.00	As Certified
Ful-O-Pep Laying Mash	(2916)	20.81	20.00	5.15	4.50	7.31	8.00	As Certified
Ful-O-Pep Laying Mash	(3221)	19.75	20.00	5.23	4.50	6.46	8.00	As Certified
RALSTON PURINA CO. St. Louis, Mo.								
Chowmix Laying Mash	(2434)	18.19	18.00	4.57	3.50	5.41	8.00	As Certified
Chowmix Laying Mash	(2590)	19.88	18.00	4.42	3.50	5.94	8.00	As Certified
Purina Broiler Chow	(2462)	21.00	18.00	5.04	3.50	5.27	7.00	As Certified
Purina Chick Growena	(2459)	19.31	17.00	4.84	3.50	6.26	7.00	As Certified
Purina Chick Growena	(2810)	20.06	17.00	4.22	3.30	6.40	7.00	As Certified
Purina Chick Startena	(2461)	20.56	18.00	4.90	4.00	4.51	7.00	As Certified
Purina Chicken Fatena	(2812)	18.13	14.00	3.79	3.50	6.27	8.00	As Certified
Purina Family Flock Chow	(2592)	22.38	20.00	4.29	3.50	8.03	8.00	As Certified
Purina Holdover Chicken Fatena	(2813)	16.75	12.00	2.62	2.50	7.60	7.50	As Certified
Purina Lay Chow	(2594)	24.00	22.00	4.42	3.50	7.85	8.00	As Certified
Purina Layena (Complete Ration)	(2460)	19.00	15.50	5.05	3.50	5.99	8.00	As Certified
Purina Layena Complete Ration	(2844)	19.06	15.50	4.22	3.50	5.59	8.00	As Certified
Purina Special Chicken Fatena	(2811)	17.00	13.50	3.00	2.50	6.91	8.50	As Certified
Purina Turkey Growena	(3129)	22.06	18.00	4.22	3.50	5.17	7.00	As Certified
Purina War Time Bulky Lea	(2593)	19.13	12.00	4.15	2.00	14.18	15.00	As Certified
READING MILLING CO. Reading, Pa.								
Reading Egg Mash with C.L.O.	(2787)	19.88	18.00	5.09	4.00	6.57	8.00	As Certified
Wertz All Mash Chick Starter & Grower	(2789)	18.94	15.50	5.15	5.00	6.72	6.50	As Certified
Wertz Baby Chick Starter	(2790)	20.00	16.00	5.25	4.00	6.73	6.50	As Certified
Wertz Special Laying Mash with C.L.O.	(2788)	20.56	20.00	5.26	4.00	6.68	7.00	As Certified
Wertz Special Poultry Fattener	(2791)	15.75	13.00	5.46	5.00	5.03	5.00	As Certified
REECE & GREENLY CO. Millville, Pa.								
R & G Co. Laying Mash	(2493)	16.81	16.00	5.33	4.00	6.15	7.00	As Certified
R & G Co. Starting Mash	(2492)	17.69	16.00	5.63	4.00	3.99	6.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
EARL L. RENN Danville, Pa.								
Just Right Chick Starter 17%	(2963)	16.56	17.00	3.40	4.00	5.33	6.50	As Certified
Just Right Egg Mash 20%	(2964)	16.75	20.00	3.11	4.00	5.79	7.00	As Certified
Renn's Laying Mash	(2966)	17.19	20.00	3.33	4.00	6.42	7.50	As Certified
THE RICHARDS MILLING CO. Cortland, Ohio								
Richards Cash Laying Mash	(2952)	21.19	20.00	4.55	3.00	8.23	8.00	As Certified
Richards Growing Mash	(2931)	21.06	18.00	4.78	3.00	7.86	8.00	As Certified
Richards Growing Mash	(3276)	20.69	18.00	4.37	3.00	8.34	8.00	As Certified
Richards Starting Mash	(2953)	20.25	18.00	5.22	3.00	7.15	7.50	As Certified
Success Laying Mash	(3268)	21.31	20.00	4.11	3.00	8.74	8.00	As Certified
J. S. RILEY & CO. New Castle, Pa.								
Pioneer Growing Mash	(3345)	19.31	17.50	4.05	3.00	6.61	8.00	As Certified
Pioneer Laying Mash Super	(3346)	21.81	18.00	4.02	4.00	5.90	8.00	As Certified
Pioneer Starting Mash	(3349)	18.56	17.50	3.94	3.00	6.79	8.00	As Certified
SACRAMENTO ROLLER MILLS Sacramento, Pa.								
Daisy Egg Mash	(2515)	20.69	18.00	6.16	4.00	7.06	7.50	As Certified
Sacromill Egg Mash	(2514)	19.94	20.00	5.93	4.50	7.13	7.00	As Certified
Sacromill Growing Mash	(2517)	19.13	17.00	5.78	4.00	7.66	7.00	As Certified
Sacromill Starting Mash	(2520)	18.38	17.00	5.49	5.00	7.37	7.00	As Certified
Starter-Grower Mash	(2516)	17.38	16.00	4.80	3.50	6.52	8.00	As Certified
SHANK'S MILL Waynesboro, Pa.								
Shank's Egg Mash	(2366)	19.88	18.00	4.78	5.00	6.88	7.50	As Certified
J. HARROLD SNOOK Beavertown, Pa.								
Just Right Laying Mash	(2979)	16.94	17.50	4.19	4.50	6.36	7.50	As Certified
SOMERSET MILLING CO. Somerset, Pa.								
Just Right Growing Mash	(3288)	21.88	17.50	4.42	4.00	6.98	7.00	As Certified
Just Right Laying Mash	(3283)	19.44	18.00	4.26	4.00	6.32	7.50	As Certified
Just Right Laying Mash	(3284)	22.63	20.00	4.33	4.00	6.48	7.00	As Certified
Just Right Starting Mash	(3287)	19.88	19.00	4.44	4.00	5.14	6.00	As Certified
JESSE C. STEWART CO. Pittsburgh, Pa.								
Iron City Brand Egg Mash	(3140)	16.13	16.00	2.98	4.00	6.78	10.00	As Certified
Iron City Brand Egg Mash	(3384)	17.94	16.00	4.73	4.00	7.24	10.00	As Certified
Red Letter Brand Egg Mash	(3141)	19.13	20.00	4.25	4.50	6.56	8.00	As Certified
Red Letter Brand Chick Starting Mash	(3139)	19.31	15.00	3.19	5.00	4.74	6.00	As Certified
Red Letter Brand Chick Starting Mash	(3385)	20.19	15.00	4.19	5.00	4.18	6.00	As Certified
Red Letter Brand Turkey Starting Mash	(3386)	27.81	25.00	6.10	4.00	4.85	8.00	As Certified
Red Letter Turkey Growing Mash	(3387)	20.94	20.00	4.85	4.00	5.61	8.00	As Certified
Shadyside Brand Egg Mash	(3138)	15.44	17.00	4.10	4.50	6.00	8.50	As Certified
E. F. STOVER EST. Blooming Glen, Pa.								
Stover's Diamond Growing Mash	(3052)	18.44	17.00	4.36	4.00	6.08	7.00	As Certified
Stover's Diamond Laying Mash	(3051)	20.31	20.00	4.33	4.00	5.99	8.00	As Certified
L. P. SWOOPE & CO. Duncansville, Pa.								
Exlnt Pan-A-Min Laying Mash	(3406)	20.63	20.00	4.35	4.00	6.30	7.00	As Certified
Exlnt Starting & Growing Mash	(3407)	19.75	16.50	4.21	4.00	6.59	7.00	As Certified
W. B. THOMPSON & SON Waynesboro, Pa.								
Chick Starter & Grower	(2362)	19.63	19.00	5.23	4.00	6.33	7.00	As Certified
Thompson's Egg Mash	(2360)	20.00	17.00	4.87	4.00	6.03	8.00	As Certified
THORPE, BAKER & CO. Carbondale, Pa.								
Economy Growing Mash	(2912)	19.31	18.00	4.52	4.00	5.78	7.00	As Certified
Economy Laying Mash	(2911)	21.31	20.00	4.33	4.00	5.91	7.00	As Certified
Red-Tag Laying Mash	(2904)	21.50	18.00	5.03	4.00	6.12	7.00	As Certified
Red-Tag Starting & Growing Mash	(2902)	19.88	18.00	4.13	4.00	5.12	7.00	As Certified
Thor-Bak Laying Mash	(2908)	20.69	20.00	4.90	4.00	6.67	7.00	As Certified
Thor-Bak Starting & Growing Mash	(2913)	20.69	18.00	4.32	4.00	5.69	7.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
THRIFT FEED MILL Doylestown, Pa.							
Thriftae Starting & Growing Mash (2671)	19.44	17.50	5.01	4.00	6.26	6.00	As Certified
TIOGA MILLS, INC. Waverly, N. Y.							
Egatine (2621)	23.31	22.00	4.47	3.60	5.52	7.50	As Certified
A. J. THOMPSON Wyoombe, Pa.							
Excelmix Growing Mash (3050)	18.06	17.00	0.87	4.00	6.86	6.00	As Certified
Excelmix XXX Laying Mash (3049)	20.31	19.00	2.89	4.00	6.86	6.00	As Certified
UBIKO MILLING CO. Cincinnati, Ohio							
Ubiko All Mash Starter (3005)	17.19	18.00	3.52	4.00	5.11	5.00	As Certified
Ubiko All Mash Starter (3030)	17.94	18.00	3.95	4.00	5.19	5.00	As Certified
Ubiko All Mash Developer (3003)	18.06	15.00	3.63	4.00	5.03	6.00	As Certified
Ubiko Egg & Breeder Mash (3001)	20.63	20.00	3.95	4.00	4.78	6.00	As Certified
Ubiko Egg & Breeder Mash (3031)	22.63	20.00	3.96	4.00	5.78	6.00	As Certified
Ubiko Mash Balancer (2920)	31.31	32.00	3.78	4.00	3.98	7.00	As Certified
VANDERVORT'S MILLS Laceyville, Pa.							
Vandervort's Buttermilk Cod Liver Oil Poultry Mash (2579)	20.00	20.00	4.10	4.00	6.00	7.00	As Certified
Vandervort's Growing Mash (2585)	19.50	17.00	4.01	4.00	5.57	8.00	As Certified
Vandervort's Laying Mash with Cod Liver Oil (2581)	21.63	22.00	4.27	4.00	6.88	10.00	As Certified
Vandervort's Starting & Growing Chick Mash (2586)	20.00	19.00	4.44	4.00	5.93	7.00	As Certified
VITALITY MILLS, INC. Chicago, Ill.							
Honor Egg Mash (3259)	20.56	18.00	3.78	3.00	7.31	9.00	As Certified
Vitality Brand Chick Starting Ration (3264)	20.38	17.50	3.44	3.50	5.93	6.50	As Certified
Vitality Brand Egg Producer (3258)	20.25	18.00	4.74	3.00	6.74	8.00	As Certified
Vitality Brand Grower & Developer (3257)	16.81	16.00	4.01	3.00	6.38	8.00	As Certified
Vitality Brand Starter & Grower (3263)	17.44	16.00	3.84	3.00	7.48	7.00	As Certified
Vitality Brand Turkey Starter (3255)	25.56	26.00	4.30	3.50	8.17	8.00	As Certified
VITA-VIM MILLERS Buffalo, N. Y.							
Speedy Egg Mash (3194)	23.25	20.00	3.06	3.50	8.85	8.75	As Certified
Vita-Vim Turkey Starting Mash (3196)	26.88	24.00	4.01	3.75	6.43	8.50	As Certified
THE WAYNESBURG MILLING CO. Waynesburg, Pa.							
Banner Egg Mash (3116)	19.13	20.00	3.72	3.50	5.83	8.00	As Certified
Diamond Laying Mash (3114)	15.69	17.00	3.12	3.50	5.37	8.00	As Certified
WOODBURY MILLING CO. Woodbury, Pa.							
Crown 16% Laying Mash (2556)	17.19	16.00	4.53	4.00	5.90	7.00	As Certified
Crown Starting Mash (2557)	17.88	17.00	4.89	4.00	5.02	6.50	As Certified
F. S. YOST'S SON Pleasant Valley, Pa.							
Yost's Special Poultry Mash (3040)	18.56	19.00	4.35	4.50	7.25	8.00	As Certified
Yost's Starting & Growing Mash (3039)	17.00	18.50	4.35	4.50	5.80	8.00	As Certified
Average	20.80	----	4.26	----	6.08	----	
PROPRIETARY SMALL ANIMAL FEED							
R. S. ALTMAN Irwin, Pa.							
Altman's Dog Dalight Dog Meal (3203)	25.63	24.00	4.49	4.00	5.52	8.00	As Certified
Altman's Super "A" Complete Dog Ration (3081)	26.56	24.00	5.42	4.00	3.87	8.00	As Certified
Altman's Super "A" Complete Dog Ration (3205)	26.63	24.00	5.17	4.00	3.76	8.00	As Certified
ARCADY FARMS MILLING CO. Chicago, Ill.							
Rockland Rabbit Pellets (2383)	19.19	17.00	4.04	2.50	11.17	13.00	As Certified
ATLAS CANNING CO., INC. Glendale, N. Y.							
Merit Dog Food (2307)	7.58	6.50	0.41	1.03	0.72	1.45	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
BEACON MILLING CO., INC. Cayuga, N. Y.								
Beacon Complete Rabbit Ration	(3437)	12.81	13.50	3.97	2.50	13.69	16.00	As Certified
BLUE MOUNTAIN SALES CO. Providence, R. I.								
Kimo Dog & Cat Food	(2861)	4.19	6.55	0.42	1.50	0.30	0.40	As Certified
CHAMPION ANIMAL FOOD CO. Minneapolis, Minn.								
Dog Dainties	(3463)	19.56	17.50	3.22	1.70	4.61	5.00	As Certified
CHAPPEL BROTHERS, INC. Rockford, Ill.								
Ken-L-Ration	(2310)	11.27	10.00	2.90	2.50	0.70	1.00	As Certified
J. A. CLARK Shamokin, Pa.								
Clark's Rabbit Pellets	(2530)	16.69	13.50	3.49	3.00	7.21	10.00	As Certified
DAILY PACKING CO. Chicago, Ill.								
Daily Regular Dog Food	(2309)	12.61	12.00	3.05	3.00	1.24	1.50	As Certified
Daily Dog Food - Fish Flavored	(2313)	11.62	12.00	3.34	3.00	1.21	1.50	As Certified
DOG PRODUCTS CO. Maspeth, N. Y.								
My-Chow Dog & Cat Food	(3470)	6.13	7.50	1.18	1.25	1.39	1.00	As Certified
Tippy Dog & Cat Food	(3469)	7.05	6.55	0.70	1.50	1.36	1.00	As Certified
EASTERN STATES FARMERS' EXCHANGE Buffalo, N. Y.								
Eastern States Dog Feed	(2627)	25.13	24.00	4.86	4.50	2.88	3.50	As Certified
Eastern States Dog Feed	(3244)	26.06	24.00	4.95	4.00	2.96	3.50	As Certified
JOHN W. ESHELMAN & SON Lancaster, Pa.								
Red Rose Dog & Puppy Food	(2858)	26.81	23.00	4.69	4.75	3.44	3.50	As Certified
Red Rose Rabbit Feed Pelleted	(2856)	14.38	14.00	3.84	3.50	7.05	9.50	As Certified
FLAG PET FOOD CORP. New York, N. Y.								
Flag Dog Food	(3468)	36.94	30.00	5.31	6.00	3.68	3.00	As Certified
HALES & HUNTER CO. Chicago, Ill.								
Lucky Dog Supplement	(2826)	25.56	22.00	5.37	4.00	2.84	6.00	As Certified
Victoria Rabbit Feed	(3402)	15.94	12.00	3.26	2.00	12.15	15.00	As Certified
Victoria Rabbit Feed Pellets	(2823)	16.31	12.00	3.46	2.00	11.75	15.00	As Certified
HUNTSINGER'S MILL Hegins, Pa.								
Quality Dog Feed	(2503)	22.00	23.00	4.78	4.00	3.50	4.00	As Certified
IL. PRIMO PRODUCTS CO. Philadelphia, Pa.								
Mariette Dog & Cat Food	(2986)	7.84	7.50	2.39	1.25	1.09	1.00	As Certified
INTERSTATE FOODS OF AMERICA Bedford, Ohio								
1-2-3 Dog Food - Diet #2	(2318)	10.92	10.00	0.56	0.75	1.21	1.25	As Certified
JERSEY CEREAL CO. Chicago, Ill.								
Car-Ma-Soy Dog Food	(3466)	23.44	21.50	3.63	3.50	2.59	4.00	As Certified
JUMBO SALES CO. New York, N. Y.								
Happy Brand Dog & Cat Food	(2678)	7.58	7.00	0.65	1.00	1.04	1.00	As Certified
KIBBLETS INC. New York, N. Y.								
Kibblets Dog Food	(3465)	25.00	26.75	4.16	5.07	2.76	1.90	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
LARDEN PACKING CO. Maspeth, N. Y.								
Choppy Dog & Cat Food	(2308)	4.94	6.55	0.96	1.50	1.24	1.00	As Certified
Meety Meel	(3464)	25.00	24.00	2.09	2.50	1.11	3.50	As Certified
LOUDON PACKING CO. Terre Heute, Ind.								
Doggie Dinner	(2312)	12.40	10.00	2.89	2.75	1.07	1.00	As Certified
MARITIME MILLING CO., INC. Buffelo, N. Y.								
Hunt Club Dog Food	(2537)	24.94	25.00	5.00	3.50	3.70	4.00	As Certified
S. E. MIGHTON Bedford, Ohio								
Spot Dog & Cet Food	(2316)	9.27	10.00	0.39	0.40	1.01	1.25	As Certified
MILLER CEREAL MILLS Omahe, Nebraska								
Bar-B-Kubes	(3394)	26.94	25.00	5.66	4.50	3.74	5.00	As Certified
MODERN FOOD PROCESS CO. Philedelphie, Pa.								
Thrive (Dry Mix Dog & Cat Food)	(2985)	55.56	50.00	7.96	4.00	5.15	6.50	As Certified
JOHN MORRELL & CO. Ottumwa, Iowa								
Red Heart Dog Food - Dist B	(2311)	11.02	10.50	5.14	2.50	0.55	1.00	As Certified
NATIONAL COAST PRODUCTS CORP. Swedesboro, New Jersey								
Top Hat Dog & Cat Food	(2865)	8.22	8.00	2.04	2.00	1.10	1.50	As Certified
NATIONAL RETAILER OWNED GROCERS Chicago, Ill.								
Roxey Dog Food	(3461)	25.19	28.50	3.72	5.00	1.49	4.00	As Certified
NEW RICHMOND MILLS New Richmond, Wis.								
New Rich Dog Meal	(3395)	24.69	23.00	2.25	2.50	4.49	4.00	As Certified
New Rich Dog Meel	(3471)	25.65	23.00	2.53	2.50	4.20	4.00	As Certified
PERK FOODS CO. Chicego, Ill.								
Perk Dog Food	(2319)	13.20	12.00	4.43	2.50	0.90	1.50	As Certified
FORT RICHMOND PACKING CO. Philadelphie, Pa.								
"75" Dog & Cat Food	(2538)	11.10	10.00	4.22	3.00	0.94	1.00	As Certified
PRATT FOOD COMPANY, INC. Philedelphie, Pa.								
Prett'e Complete Rebbit Pellete	(2833)	16.56	17.00	3.38	2.00	16.09	20.00	As Certified
MISS FLORENCE O. PROCTOR Coloniel Park, Herrisburg, Pa.								
Horee Meat for Pet Consumption	(3413)	21.77	21.77	1.10	1.10	0.11	0.11	As Certified
THE QUAKER OATS CO. Chicego, Ill.								
Sugered Vim Oat Meel Feed	(2938)	4.69	4.50	1.42	1.25	28.49	27.50	As Certified
READY FOODS CO., INC. Chicego, Ill.								
Hi-Life Kibbled Biscuit	(3462)	30.38	27.00	1.15	3.00	2.80	5.00	As Certified
RECORD SUPPLY CORP. Chicago, Ill.								
Misky Dog Food	(3467)	24.85	23.00	2.86	2.50	4.86	4.00	As Certified
J. S. RILEY & CO. New Castle, Pa.								
Riley's Tri-Blend Dog Food	(5351)	31.44	25.00	3.50	4.00	2.92	3.00	As Certified
Riley's Tri-Blend Dog Food	(3410)	31.51	25.00	4.45	4.00	2.86	5.00	As Certified

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
RIVAL PACKING CO. Chicago, Ill.							
Rival Dog Food (2314)	10.39	10.00	2.86	2.50	0.56	1.00	As Certified
SILVER KING CANNING CO. Kansas City, Mo.							
Silver King Dog & Cat Food (2320)	7.89	10.00	3.38	2.00	0.48	1.00	As Certified
STURDY DOG FOOD CO., INC. Syracuse, N. Y.							
Sturdy Dog & Puppy Food-Granular Meal (3159)	21.50	23.00	2.91	2.50	5.45	5.00	As Certified
SWIFT & CO. Chicago, Ill.							
Pard Dog Food (2317)	11.29	10.50	4.08	2.50	0.44	1.00	As Certified
VAN BRODE MILLING CO. Clinton, Mass.							
Doggie-Mix (3412)	16.50	----	3.19	----	5.85	----	As Certified
VITA-FRESH DOG FOOD CORP. Long Island City, New York							
Vita-Best Dog Food (3334)	25.69	26.67	3.26	4.06	2.25	3.36	As Certified
WILSON & CO. Chicago, Ill.							
Ideal Dog Food (2315)	10.83	10.00	6.87	2.00	0.63	1.00	As Certified
KROGERS GROCERY & BAKING CO. Cincinnati, Ohio							
Strong Heart Rations Dog & Cat Food (2321)	7.93	8.00	0.97	2.00	0.97	1.00	As Certified
VIM PEP FOODS INC. Cambridge, Md.							
Vim Pep Dog Food (3311)	7.39	8.00	2.33	2.00	1.27	1.00	As Certified
Average	17.75	----	3.25	----	3.83	----	
ANIMAL BY-PRODUCTS							
Steamed Bone & Bone Meal							
THE ATLANTIC SUPPLY CO. Baltimore, Md.							
Atlantic Steamed Bone Meal (2698)	6.06	2.50	0.66	2.00	2.21	2.00	As Certified
BAUGH & SONS CO. Philadelphia, Pa.							
Baugh's Sterilized Steamed Bone for Feeding (2843)	5.38	5.00	0.98	0.20	5.33	4.00	As Certified
Average	5.72	----	0.82	----	3.77	----	
Poultry Bone							
CHAS. R. SHOEMAKER, INC. Philadelphia, Pa.							
Brown Brand No. 1 20% Poultry Bone (2864)	23.69	20.00	1.66	----	3.05	----	As Certified
Average	23.69	----	1.66	----	3.05	----	
Liver Meal							
THE ATLANTIC SUPPLY CO. Baltimore, Md.							
Atlantic Livermeal (2695)	72.38	65.00	12.88	10.00	0.76	3.00	As Certified
SEA BOARD SUPPLY CO., INC. Philadelphia, Pa.							
Animal Liver & Glandular Meal (2686)	71.19	65.00	15.45	2.00	1.16	5.00	As Certified
Animal Liver & Glandular Meal (2687)	68.00	65.00	13.08	2.00	0.71	5.00	As Certified
Average	70.52	----	13.80	----	0.88	----	

TABLE II. ANALYSES OF SAMPLES OF FEEDING STUFFS

MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guer.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
Meat & Bone Scrape							
THE ATLANTIC SUPPLY CO. Baltimore, Md.							
Atlantic Meat & Bone Scraps (2684)	45.75	50.00	10.82	6.00	1.57	3.00	As Certified
BAUGH & SONS CO. Philadelphia, Pa.							
Baugh's Oldest Brand Meat & Bone Scrap(3444)	52.25	50.00	10.06	6.00	2.33	3.00	As Certified
HERBERT BRYANT Alexandria, Va.							
Bryant's Meat & Bone Scrap for Poultry(2412)	48.63	50.00	10.03	10.00	1.57	2.00	As Certified
C. H. BRAUN & SONS, INC. Baltimore, Md.							
Encore Brand 45% Meat & Bone Scrap(2542)	44.63	45.00	11.65	6.00	1.76	3.00	As Certified
MENHADEN FISH MEAL CO. Baltimore, Md.							
Meat & Bone Scraps 45% (2334)	45.94	45.00	12.23	8.00	1.01	2.00	As Certified
PITTSBURGH MELTING CO. Pittsburgh, Pa.							
Steel City Meat & Bone Scrap (2454)	52.00	50.00	5.66	5.00	1.79	3.00	As Certified
A. F. REES INC. Hanover, Pa.							
Rees' 50% Meat & Bone Scrap (2449)	49.13	50.00	11.90	10.00	1.26	2.25	As Certified
Rees' Meat & Bone Scrap 50% (3411)	46.19	50.00	13.34	10.00	3.13	2.25	As Certified
ROBERT A. REICHARD, INC. Allentown, Pa.							
Reichard's Beef & Bone Scrap (2658)	39.63	45.00	10.75	9.00	1.26	3.00	As Certified
Reichard's 50% Beef Scrap (2429)	45.75	50.00	12.88	9.00	1.13	3.00	As Certified
Reichard's 50% Beef Scrap (3420)	48.38	50.00	13.28	9.00	1.92	3.00	As Certified
WM. SCHLUDERBERG - T. J. KURDLE CO. Baltimore, Md.							
Esekay Quality Meat & Bone Scrap 45% (2352)	45.38	45.00	17.28	6.00	0.82	5.00	As Certified
M. L. SHOEMAKER CO. Philadelphia, Pa.							
Swift's Sure 55% Ground Beef Scrap for Poultry (3094)	53.06	55.00	9.20	6.00	1.35	3.00	As Certified
CHAS. R. SHOEMAKER, INC. Philadelphia, Pa.							
Echo Brand 45% Meat & Bone Scraps (2863)	46.44	45.00	11.70	6.00	2.27	2.00	As Certified
Belgrade Brand 50% Beef & Bone Scrap(2816)	51.81	50.00	11.01	6.00	1.60	2.00	As Certified
Pureex Brand 55% Beef & Bone Scrap(2817)	54.25	55.00	9.96	6.00	2.33	2.00	As Certified
SWIFT & CO. Chicago, Ill.							
Swift's Meaty Bone Scraps (3321)	51.38	50.00	9.15	6.00	2.65	3.00	As Certified
YOUNGSTOWN HIDE & TALLOW CO. Youngstown, Pa.							
Penn Ohio Meat Scraps (2926)	51.39	50.00	10.09	5.00	1.22	3.00	As Certified
Average	48.44	----	11.17	----	1.72	----	
Meat & Fish Meal							
THE ATLANTIC SUPPLY CO. Baltimore, Md.							
Atlantic 55% Mineralized Fish Meal(2353)	54.81	55.00	8.25	5.50	0.58	2.00	As Certified
MENHADEN FISH MEAL CO. Baltimore, Md.							
Pure Ground Fish Meal (3093)	58.44	58.00	5.46	6.00	1.19	2.00	As Certified

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MANUFACTURER AND BRAND NAME	PROTEIN		FAT		FIBER		COMPOSITION
	Found	Guar.	Found	Guar.	Found	Guar.	
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
CHARLES R. SHOEMAKER, INC. Philadelphia, Pa.							
Fish Meal (2862)	62.75	62.00	4.38	6.00	0.67	3.00	As Certified
T. HOWARD SMITH Port Monmouth, New Jersey							
Smith's Hivita Menhaden Fish Meal (2685)	64.56	55.00	10.04	5.00	0.49	3.00	As Certified
L. G. VOGT RENDERING WORKS Lewistown, Pa.							
Vogt's Meat Meal (2428)	58.75	55.00	6.90	8.00	1.20	2.00	As Certified
Average	59.86	----	7.01	----	0.83	----	
Crab Meal							
SEA BOARD SUPPLY CO., INC. Philadelphia, Pa.							
Crab Meal (2333)	33.25	32.00	3.18	1.00	10.54	11.00	As Certified
Average	33.25	----	3.18	----	10.54	----	
Tankage							
C. H. BRAUN & SONS, INC. Baltimore, Md.							
Encore Brand 60% Digester Tankage (3092)	59.00	60.00	8.00	6.00	1.58	3.00	As Certified
CONSOLIDATED DRESSED BEEF CO., INC. Philadelphia, Pa.							
50% Consolidated Feeding Tankage (2448)	54.88	50.00	17.18	6.00	4.54	3.00	As Certified
THE PITTSBURGH MELTING CO. Pittsburgh, Pa.							
Eureka Digester Tankage (2453)	60.94	60.00	5.15	5.00	1.70	3.00	As Certified
R. A. REICHARD INC. Allentown, Pa.							
Reichard's 40% Meat & Bone Tankage (3430)	33.25	40.00	13.86	10.00	2.44	6.00	As Certified
WM. SCHLUDERBERG - T. J. KURDLE CO. Baltimore, Md.							
Esskay Digester Tankage (2349)	62.25	60.00	10.22	8.00	0.97	5.00	As Certified
CHAS. R. SHOEMAKER INC. Philadelphia, Pa.							
Top Grade Brand 60% Feeding Tankage (2818)	63.13	60.00	11.42	6.00	1.94	3.00	As Certified
Average	55.58	----	1.90	----	2.20	----	
MILK PRODUCTS							
Dried Skim Milk							
CENTER MILK PRODUCTS CO. Middlebury Center, Pa.							
Center Dried Skim Milk (2689)	34.13	33.00	0.66	0.50	----	----	As Certified
PENN-REED MILK CO. Belleville, Pa.							
Pride of the Valley Dried Milk Solids (2699)	36.88	33.00	0.67	0.50	----	----	As Certified
WARD MILK PRODUCT DIVISION KRAFT CHEESE CO. Chicago, Ill.							
Ward's Dried Skim Milk (2455)	30.94	32.00	3.59	1.00	0.51	----	As Certified
Average	33.98	----	1.64	----	0.51	----	
Dried Whey							
HERCULES POWDER CO. Wilmington, Del.							
Hercules Dried Whey, For Animal & Poultry Feed (2445)	14.50	11.50	0.54	0.20	0.35	0.10	As Certified

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UFACTURER AND BRAND NAME		PROTEIN		FAT		FIBER		COMPOSITION
		Found	Guar.	Found	Guar.	Found	Guar.	
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	
GOLDEN EAGLE MILLING CO. Petaluma, California								
Lecto-G Dried Whey	(3459)	11.38	12.00	1.04	0.50	0.52	0.10	As Certified
ESTERN CONDENSING COMPANY San Francisco, California								
Lecto-G Dried Whey	(2559)	12.94	12.00	0.22	0.50	0.23	0.10	As Certified
Average		12.94	----	0.60	----	0.37	----	
MISCELLANEOUS FEED								
TERT GRAIN & MALTING CO., INC. Milwaukee, Wis.								
lt Sprouts	(3319)	28.56	24.00	1.27	1.00	8.28	16.00	As Certified
HANOVER PROCESSING CO. Hanover, Pa.								
	(2432)	22.75	18.00	8.53	5.00	2.94	6.00	As Certified
MILKMALT CO. Baltimore, Md.								
t Co's Blend	(2690)	38.13	32.00	1.35	1.50	4.08	4.00	As Certified
EA BOARD SUPPLY CO., INC. Philadelphia, Pa.		CALCIUM		PHOSPHORUS				
Purpose Minerals	(2433)	35.07	25.00	7.53	7.00	----	----	As Certified
Purpose Minerals	(3442)	34.10	25.00	7.47	7.00	----	----	As Certified
PAUL B. SHEARER & CO. Philadelphia, Pa.		PROTEIN		FAT				
's Lecto Protein	(2781)	10.56	10.20	0.28	0.20	----	----	Identified as Condensed Skim Milk
UNION RENDERING CO., INC. Baltimore, Md.								
60/40 Molasses Concentrate	(2581)	13.44	10.00	3.85	2.00	7.21	8.00	As Certified
THE WOOSTER FEED MFG., CO. Wooster, Ohio								
Copra	(2451)	10.75	9.00	1.88	1.50	4.18	6.00	As Certified
ZELLERS LABORATORIES Reading, Pa.								
e (Riboflavin Supplement)	(3457)	40.25	32.00	4.01	2.00	3.99	4.50	As Certified